



# S3 into S4

## Course Information

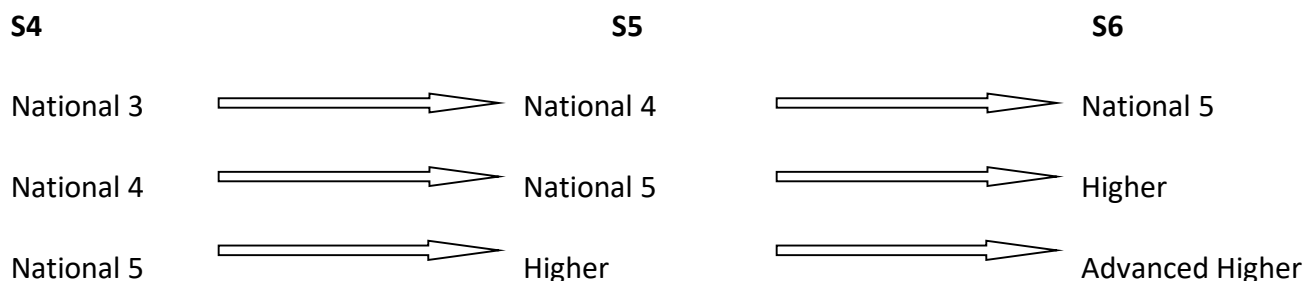
January 2021

## S4-6 Qualifications

Students in S4-S6 study towards National Qualifications as listed below:

	<b>National Qualifications</b>
	National 3
	National 4
	National 5
	Higher
	Advanced Higher

Possible progression routes through the qualifications are outlined below:



As a guideline, students demonstrating a **sound** working knowledge and application of skills will be likely to gain 6 or 7 National Qualifications in S4. Recommendations will be based on class work and assessment during the year.

The choice sheet which your son/daughter will receive should help guide students towards a curriculum which allows them to specialise in areas of interest, but maintains breadth. Furthermore, we have a presentation in the Publications for Parents webpage.

Please note if numbers are low we may not be able to run a subject; in this case you may be asked to make another choice. If a class is oversubscribed, criteria such as curricular balance and previous reports will be taken into account, along with other relevant information.

We have some subjects which are new for S4, they have this symbol beside them and can be considered.



## ACCOUNTING NAT 5



### Senior Phase and Beyond

#### S4

The National 5 Accounting Course enables learners to understand and use financial information, so that they can prepare accounting statements and analyse, interpret and report on an organisation's financial performance. The course develops learners' knowledge and understanding of the relevant accounting concepts and techniques used to prepare financial information. It is advisable that students undertaking National 5 Maths consider this course, the Mathematical concepts can be challenging.

The course encourages candidates to think logically and apply accounting principles in their lives. This helps them to make more-informed decisions about their own financial future.

#### What this course can lead to

Progression to Higher Accounting. Other qualifications in accounting or related areas of further study, employment and/or training.

## ADMINISTRATION & I.T.



### Senior Phase and Beyond

#### S4

In S4 the Administration course is split into 3 units:

##### National 4

Administrative Practices  
Communication in Administration  
IT for Administrators  
Admin and IT Portfolio

##### National 5

Administrative Practices  
Communication in Administration  
IT for Administrators

#### What this course can lead to

Embedded in both National 4 & 5 courses are employability skills. Students will develop skills and knowledge in accessing, understanding and contributing to today's business and information environment. Administration & IT leads into different careers such as setting up your own business, administrative careers in many industries, human resources and many more. Administration & IT helps develop the skills beneficial within further or Higher education as nearly all courses require the skills gained in this subject.

## ART & DESIGN



### Senior Phase and Beyond

#### S4

In S4 students will revisit and refine the skills learned in S3 and this will be delivered in two separate units of work: *Art & Design – Expressive*; *Art & Design - Design*. The study of professional artists' and designers' work underpins both units. Students will be presented at National 3, 4 or 5 depending on their progress.

#### What this course can lead to

Progression into S5 will depend on the student's performance in S4. This course or its components may provide progression to other SQA qualifications in the expressive arts, fashion and textiles, technologies, further study, employment or training.

There are a huge range of careers in which art & design skills are essential including fine art; product design; architecture, interior and landscape design; fashion, textile, jewellery and accessory design; set, make-up, costume, character and lighting design; graphic design and visual communication; animation; art therapy; mechanical design; and photography. Most of these require further study.

Art & Design at Higher level is recognised by nearly all universities as an approved entry qualification.

## BIOLOGY



### Senior Phase and Beyond

#### S4

- S4 Biology is available at National 3, National 4 and National 5.
  - All three national qualifications have common unit titles though the content is different.
  - Units studied are Cell biology, Multicellular organisms and Life on earth.
  - Learners achieving a National 3 in Biology would progress to National 4 Biology or a National 4 in Chemistry or Physics.
  - Learners achieving a National 4 in Biology would progress to National 5 Biology or a National 4 in Chemistry or Physics.
- Learners achieving a National 5 in Biology would progress to Higher Biology or a National 5 in Chemistry or Physics.

#### What this course can lead to

Studying Biology provides an excellent foundation for pursuing Higher education degrees and careers in the Biological sciences including, Medicine, Dentistry, Pharmacy, Veterinary Science, Ecology, Zoology, Marine biology, Biochemistry and other science related subjects.

# BUSINESS MANAGEMENT



## Senior Phase and Beyond

### S4

In S4 the Business Management course is split into 3 units:

#### National 4

Business in Action  
Influences on Business  
Business Assignment

#### National 5

Business in Action  
Management of People & Finance  
Management of Marketing & Operations

### What this course can lead to

Embedded in both National 4 & 5 courses are employability skills. Students will develop skills and knowledge in accessing, understanding and contributing to today's business and information environment.

Business Management leads into different careers such as setting up your own business, marketing and advertising, human resources and many more. Business management helps develop the skills beneficial within further or higher education as most courses have a business element included.

An understanding of business is one of the main skills that students underestimate, according to a 2013 Guardian survey. Less than 10% of students thought it was a vital skill, compared to nearly 70% of employers. Managing Director of Give-a-grad-a-go, Cary Curtis says, "you don't need to be the next Mark Zuckerberg, but having a good idea of how a business runs and the challenges involved are really useful skills to take into any company."

# BUSINESS WITH INFORMATION TECHNOLOGY NPA

## Senior Phase and Beyond

### S4

The course aims are:

- To develop knowledge and understanding of the role of business in society.
- To develop knowledge, application and usage of a variety of software packages.
- To provide candidates with the relevant Core Skills for business, administration and technology for employment and further study.

In S4 the Business with IT NPA course is taken over 2 columns and is made up of 4 units:

- Business Enterprise
- Marketing and Operations
- Word Processing
- Presentations

The course combines theory and practical skills in business and IT essential for the world of work. Students are required to pass unit assessments in all of the units above to achieve the NPA Level 5 qualification.

### What this course can lead to

The course is set at SCQF level 5, students can progress to Level 6 or N5 Business Management, N5 Administration and IT in S5 or S6.



# CHEMISTRY



## Senior Phase and Beyond

### S4

S4 Chemistry is available at National 3, National 4 and National 5.

- All three national qualifications have common unit titles though the content is different.
- Units studied are Chemical changes and structure, Nature's chemistry and Chemistry in society.
- Learners achieving a National 3 in Chemistry would progress to National 4 Chemistry or a National 4 in Biology or Physics.
- Learners achieving a National 4 in Chemistry would progress to National 5 Chemistry or a National 4 in Biology or Physics. **(Please note that successfully completing the Broad General Education level 4 experiences and outcomes or National 4 Mathematics is desirable to fully access the National 5 Chemistry course).**
- Learners achieving a National 5 in Chemistry would progress to Higher Chemistry or a National 5 in Biology or Physics. **(Please note that completing National 5 Mathematics is highly desirable to fully access the Higher Chemistry)**

### What this course can lead to

Studying Chemistry provides an excellent foundation for pursuing Higher education degrees and careers in the Chemical, Biochemical and Physical Sciences including, Medicine, Dentistry, Pharmacy, Veterinary Science, Forensics, Chemical Engineering and other science related subjects. The Chemistry courses develop many of the essential skills that employers, colleges and universities are looking for such as the ability to analyse and draw conclusions from complex data, as well as research, reporting and presentation skills.

# COMPUTING SCIENCE



## Senior Phase and Beyond

### S4

The Computing Science Course develops knowledge and understanding of key facts and ideas in computing science; enabling learners to apply skills and knowledge in analysis, design, implementation and testing to a range of digital solutions. The Course provides an understanding of the technologies that underpin our modern digital world and develops transferrable skills.

The course covers the following areas:

- Software Design & Development
- Computer Systems
- Database Design & Development
- Web Design & Development

### What this course can lead to

The computational skills that students will gain in this course can lead to a job in any of the computing professions. The industry needs people with a wide range of skills – talented youngsters who can be software engineers, digital and creative media developers, marketing and sales professionals, product managers, business analysts, ecommerce specialists, telecoms experts, web designers, the list is ... almost... endless. Students will develop transferable skills for learning, skills for life and skills for work, opening up a wide range of career and study opportunities and enabling them to develop as global citizens who can contribute effectively to their communities, society and the world.

## CYBER SECURITY



### Senior Phase and Beyond

#### S4

Protecting data and infrastructure has become one of the most critical roles of IT thanks to the rise of cyber attacks. We transmit vast quantities of sensitive data digitally as transactions are made, and we store even more, creating veritable gold mines for hackers who want to steal valuable information, commit denial-of-service attacks, or simply create havoc.

The need for people with cyber security skills is far outpacing the number of qualified applicants, making this a career choice worth considering.

The Cyber Security National Progression Award Course provides foundation knowledge and skills in data security, digital forensics and ethical hacking — and provide a skills pipeline into the cyber security industry. The course is available at National 4 level in S4. The covers the following areas:

- Data Security
- Digital Forensics
- Ethical Hacking

### What this course can lead to

These national qualifications in cyber security will prepare learners for further studies and future employment in this area. On completion of each award, learners may progress to one of a number of further qualifications in this, or a related, area. There are also opportunities to progress to Higher National or degree courses at college or university.



## DANCE

### Senior Phase and Beyond

#### S4

In S4 National Qualifications will be assessed at National 5. The qualification consists of:

Dance: Technical Skills o Developing knowledge and critical understanding of a selected dance style.

o Applying technical dance skills in contrasting dance styles.

Dance: Choreography o Developing knowledge and understanding of complex choreographic principles.

o Applying choreographic principles to create the choreography for a duet.

Dance Performance o Performance of a solo in one dance genre.

o Performance of a choreography for two dancers.

#### What this course can lead to

The technical and choreographic skills that students will gain can lead to entry to Higher Dance or a Performing Arts college course. These skills will also be particularly useful to students seeking to work in any performing arts career or dance teaching. Students will develop the confidence and ability to participate in dance out with and after school as well as developing transferable skills of leadership, working as a team, logical and creative thinking and communication.



## DESIGN AND MANUFACTURE

### Senior Phase and Beyond S4

In S4 the Design & Manufacture course focuses more firmly on product design and a greater variety of workshop and industrial production techniques.

#### What this course can lead to

The subject can lead to both Higher and Advanced Higher levels and is a preferred entry requirement for many design based courses at universities and colleges. It can then lead onto a career in architecture, craft trades, engineering, furniture design, industrial design, interior design, product design, quantity surveying, technician services etc.



## DRAMA



### Senior Phase and Beyond

#### S4

Students opting to continue with Drama in S4 will be presented at National 3, National 4 or National 5 depending on progress. The S4 course builds on the knowledge, understanding and skills developed in S1-3 Drama. It is split into 3 units:

- Drama Skills
- Drama Production Skills & Drama Performance

All units have practical and written components that the students will be assessed on. Folios of work will be completed for each unit. Practical acting and production skills will be developed throughout. At the end of the course, in discussion with their teacher, students will choose what they would like to focus on for their final practical assessment from the following: acting; lighting; sound; set; costume; props; make-up and hair.

- Students presented at National 5 will have a written paper as well as a practical exam.

#### What this course can lead to

Students can continue on to National 4, 5 or Higher Drama depending on their progress in S4. A student achieving an A or B grade in Higher would hope to progress to Advanced Higher in S6.

Drama is valued by employers, colleges and universities. It gives students the opportunity to grow in confidence, work as part of a team, develop communication and leadership skills, use their creativity and learn about other people's lives.

Further study and careers in Performing Arts, Education, Law, Film and Media, Arts Administration, Theatre Journalism, Producing, Directing, Stage Management, Community Theatre, Design, Sound Technology, and anything that involves working with others or presentation skills.

## ENGINEERING SCIENCE

### Senior Phase and Beyond

#### S4

The S4 course builds on the knowledge and skills introduced in S3 and is split into three units:

- *Engineering Contexts & Challenges*
- *Electronics & Control*
- *Mechanisms & Structures*

These units look more deeply at engineering disciplines, their place in society, and the underlying principles that are used by engineers (highlighting electrical/electronic, civil, and mechanical engineering).

#### What this course can lead to

Engineering Science leads onto, and is a preferred entry qualification for, degree courses in most engineering disciplines such as electrical, electronic, structural, civil, mechanical, energy, environmental, sound etc. Many other courses and careers in areas such as the sciences, maths, ICT and product design will involve, or are supported by, elements that are covered in Engineering Science.

There are excellent opportunities for engineers both in Scotland and world-wide. These can involve projects as varied as designing the next generation of mobile phones, helping get a robot to another planet, or ensuring that water supplies get to areas where there are shortages.



## Senior Phase and Beyond

### S4

In the National 5 English course, there is an emphasis on the development and application of key language skills closely associated with literacy and communication. This course provides candidates with the opportunity to develop skills in reading, writing, talking and listening. Consequently, candidates should be able to understand, analyse, evaluate, and use, detailed language for a range of purposes in practical and relevant contexts.

This course will allow candidates to encounter and engage with a wide range of texts across literature, language, and the media. The course enables candidates to communicate, to think critically, and to be thoughtful and creative. Candidates 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.

The Course is Graded A – D and is assessed by:

#### Portfolio

The purpose of this portfolio–writing is to provide evidence of candidates' skills in writing for two different purposes: one broadly creative, and one broadly discursive. The candidate will produce the portfolio independently, but the teacher or lecturer will support the candidate to choose the focus, theme and genre of the pieces of writing.

#### Performance–spoken language

The purpose of this performance is to provide evidence of the candidates' skills in talking and listening. This performance, which is part of course assessment, is assessed on an achieved/not achieved basis. It is a compulsory requirement for a course award in National 5 English.

#### Exam

##### Paper 1 – Reading for Understanding. Analysis & Evaluation

The purpose of this question paper is to assess candidates' application of their reading skills in the challenging context of unseen material and a limited time. Candidates are required to read and understand one unseen non-fiction text. A series of questions will focus on their understanding, analysis and evaluation skills.

##### Paper 2 – Critical Reading

The purpose of this question paper is to assess the application of candidates' critical reading skills and their knowledge and understanding of previously-studied literary, media or language texts, including the work of at least one Scottish writer from the prescribed list.

This question paper has two sections.

1 Critical Essay

1 Question on a Scottish text from a set list

## What this course can lead to

The skills you acquire on this Course can support you in many different jobs. Many Professional jobs require a minimum of B at Higher English level.

Careers in Journalism, Law and Teaching will require strong English and Communication skills.

Most jobs will demand a confidence with Language use and the ability to discuss and listen in a group situation.

Students will develop their Writing and Comprehension skills, they will also be able to write creatively, access Non Fiction texts and compile reports.

Society will expect you to be able to contribute meaningfully to projects and an English Course will equip you for this type of demand.

# ENVIRONMENTAL SCIENCE



## S4

Environmental science is an interdisciplinary subject, which draws from science and social science subjects. You will learn about how we use the Earth's resources, different ways of producing energy, the effects of global climate change and the sustainability of our environment and planet. This will help you to make your own decisions on contemporary issues where scientific knowledge is constantly developing. The skills that you learn while studying Environmental Science, such as investigating, critical thinking, project management and survey techniques, are valuable in a wide variety of industry sectors including renewable energy, forestry and environmental conservation and agriculture.

### Unit 1 - Living environment

- investigating ecosystems and biodiversity
- human influences on biodiversity.

### Unit 2 - Earth's resources

- an overview of Earth systems and their interactions
- the geosphere, the hydrosphere, the biosphere, the atmosphere.

### Unit 3 - Sustainability

- an introduction to sustainability
- food/water/energy/waste management.

## What this course can lead to

- other qualifications in environmental science or related areas
- further study, employment or training

Progression to Higher Biology and Higher Geography dependent on students' performance in S4.

Studying Environmental Science provides an excellent foundation for pursuing careers in the Animals, Land and Environment, Environmental Services, Offshore and Energy, Science and Mathematics and Town and Regional Planning

## GEOGRAPHY



### Senior Phase and Beyond

#### S4

In S4 students will be able to progress in this subject through the study of Geography at either National 3, 4 or 5.

- Physical Environment: Studies of the following two landscapes: Upland Limestone, Rivers and their Valleys.
- Human Environments: Comparison of developed and developing countries, in terms of urban and rural topics such as housing, transport and the countryside.
- Global Issues: Impact of human activities on the environment with a focus on: Tourism and Globalization; Environmental Hazards (earthquakes, volcanoes and hurricanes), Development and Health in both developed and developing countries.

Students will also complete a Geography Assignment based on fieldwork. Permeating all units will be the development of core skills such as numeracy and literacy as well as the skills of research, analysis and higher level mapping skills.

#### What this course can lead to

Students can progress to further study within the Geography Department at National 5 and beyond. Through the study of Geography at National 5 and Higher, students will develop knowledge and understanding of our challenging world and its physical and human processes. At this level, students will be encouraged to develop responsible attitudes for our environment at local, national and global scales. There will also be further development of both core and transferable skills.



## GRAPHIC COMMUNICATION

### Senior Phase and Beyond

#### S4

The S4 course builds on the skills and knowledge gained during S3 and focuses on two units of work:

- *2D Graphic Communication*
- *3D and Pictorial Graphic Communication*

Both these units involve the use of computer graphics and manual techniques to produce increasingly complex technical drawings, graphic illustrations and presentations.

#### What this course can lead to

The subject can lead to careers in industrial design, engineering, graphic design, architectural and building services, product design, interior design, fashion & textiles, animation, web design etc.

The skills developed, such as the use of ICT or the ability to communicate effectively will be of benefit in a huge variety of other careers.

## HEALTH & FOOD TECHNOLOGY



### S4

This course is for those with an interest in food, how it is produced and the factors influencing food choice. There are some practical elements to the course where students will be expected to prepare food in safe and hygienic conditions.

This course is divided into the following areas:

**Food for Health** – looking at nutrients and nutrition through life and how food affects the health of individuals. Exploring the causes of dietary diseases and how to prevent them. Current dietary advice and recommendations.

**Food Product Development** – the development of new food products and processes used by industry. Sensory evaluation techniques, Hygiene and conditions for bacterial growth. Functional properties of ingredients and their uses in food products.

**Contemporary Food Issues** – Factors affecting food choice, Ethical issues surrounding food, Technological developments, Consumer organisations and Food labelling.

**Assessment** - The course is assessed 50% final exam and 50% internal coursework which is externally marked.

### What this course can lead to

Students are able to progress onto Higher and Advanced Higher in Health and Food technology and this is often a useful course for those looking to progress into a variety of careers and university courses.

## HISTORY



### Senior Phase and Beyond

### S4

In S4 students will be able to progress in People and the Past through the study of History at either National 3, 4 or 5. Students will study 3 units:

- Scottish History-The Era of the Great War 1910 - 1928
- British History- Changing Britain 1760-1914
- European and World History-Hitler and Nazi Germany 1919-1939

Students will also complete a compulsory History Assignment.

### What this course can lead to

- Students can progress to further study within the History department at National 5 and beyond.
- Students will build up a framework of historical knowledge and understanding with which to understand and respond to global issues, which can help them develop a sense of responsible citizenship as well as developing transferable skills for learning, life and work, opening up a wide and diverse range of occupations and careers.



### S4 – National 4 & National 5

This National 4/5 Skills for Work Hospitality course has been designed to provide a qualification in hospitality which reflects skills required for the hospitality industry. The course will enable learners to develop general and practical skills, knowledge and understanding, together with employability skills and attitudes needed to work in the hospitality industry.

This course is divided into the following areas:

- **Hospitality: Developing Skills for Working in Hospitality** – Learners will investigate a range of hospitality provision. They will identify the organisational aims of hospitality establishments, the products and services provided and the job roles of staff. Learners will be involved in identifying the employability skills and attitudes relevant for employees in the hospitality industry. They would also demonstrate the skills involved in preparing for and participating in a simulated job interview.
- **Hospitality: Developing Skills for Working in the Professional Kitchen** – Learners will learn about menu planning, food preparation techniques and cookery processes, food hygiene, health and safety procedures, equipment, terminology, safe knife- handling and appropriate storage of finished dishes prior to service. Learners will also prepare, cook, and present a range of commodities and evaluate finished dishes. Learners will work as a team member and participate in a number of activities which will help them to develop the skills identified within this unit.
- **Hospitality: Front of House Operations-** Learners will learn about the work undertaken by front of house staff, specifically reception and the associated customer care skills. They will also experience the skills needed to undertake food and drink service in a variety of styles and establishments. Learners will participate in a number of activities which will help them to develop the skills identified within this unit.
- **Hospitality: Events-** Learners will be involved in planning, organising, running and evaluating a small scale hospitality event. Learners will work as part of a team and participate in all the activities involved. Learners will have the opportunity to use existing skills such as contributing constructively to group discussions, contributing to the provision of food and food service, and following food hygiene and health and safety procedures. They will also develop new skills such as planning and publicising hospitality events.

**Assessment** - To achieve the award of National 5 Skills for Work Hospitality course, learners must achieve all the required units as outlined in the course outline. They will be assessed pass/fail within centres. Skills for Work Courses do not have an external exam.

### What this course can lead to

Students are able to progress onto the National 5 level Practical Cookery course in S5/6 or can look to apply for Scottish Vocational Qualifications (SVQs) in Catering and Hospitality in further study, employment and/or training.

## LABORATORY SCIENCE



### Senior Phase and Beyond

#### S4

The National 5 Laboratory Science Course is designed to introduce candidates to the knowledge and skills which are required for employment/further study in the wide range of industries and services using laboratory science, and to develop an awareness of the opportunities and range of employment within the sector.

Students will explore a variety and range of industries and services and the career opportunities, in science laboratories, in a local, national and global setting. Students will have the opportunity to develop the basic practical skills for working in a laboratory: measuring, weighing and preparing compounds and solutions, and to understand and implement the health and safety requirements for a safe working environment. The specific practical skills related to microbiology, radioactivity, chemical handling and laboratory instrumentation are developed. Candidates will work with others to produce a plan to undertake a practical investigation to test scientific hypotheses related to a scientific topic. This will also involve reporting of the results, conclusions and evaluations of the investigation.

#### What this course can lead to

The course develops analytical, numerical and practical skills and is useful for careers in laboratories within the following sectors:

Sciences

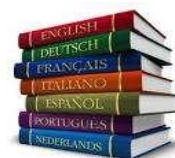
Hospital Labs

Forensics

Water purification

Schools

The course would be an ideal background for a modern apprenticeship in any of these areas.



## LANGUAGES: FRENCH & GERMAN

### Senior Phase and Beyond

#### S4

Students will continue to study French and German with a view to being presented at National 4 or 5 depending on progress in S3. Contexts at both National 4 and 5 are:

**Society:** Lifestyles, Environment

**Learning:** School, College, Lifelong Learning, Future Plans

**Employability:** Job skills, The World of Work

**Culture:** Customs and Celebrations Holidays , Literature, Film and TV

Linguistic tools required to facilitate this include: Past Tenses, Reflexive and Separable Verbs and further study of the case system including relative clauses.

#### What this course can lead to

The ability to speak a language other than English is a skill which is becoming increasingly important. Our students will enter a workplace in which they will compete for employment with young people from the E.U. and elsewhere who speak English in addition to their own language. Monolingual students will be at a distinct disadvantage.

The study of foreign languages leads to the acquisition of some important life skills. Because language learners learn to deal with unfamiliar cultural ideas, they are much better equipped to adapt and cope in a fast-changing world. They also learn to effectively handle new situations.

If businesses are to effectively compete in a global economy, they must learn to deal with other cultures on their own terms. Business is not the only area of employment where language competencies are needed, however. Multiple government agencies, the travel industry, engineering, communications, the field of education, international law, economics, public policy, publishing, advertising, entertainment, scientific research, and a broad array of service sectors all have needs for people with foreign language skills.

The ability to speak to others in their own language is a sign of global citizens who contribute effectively to their own and other societies.





## LANGUAGES: SPANISH

### Senior Phase and Beyond

#### S4

Students will continue to study Spanish with a view to being presented at National 4 or 5 depending on progress in S3.

Contexts at both National 4 and 5 are:

**Society:** Lifestyles, Environment

**Learning:** School, College, Lifelong Learning, Future Plans

**Employability:** Job skills, The World of Work

**Culture:** Customs and Celebrations Holidays, Literature, Film and TV

Linguistic tools required to facilitate this include: Past Tenses, Future and Conditional tenses Comparatives and Comparisons.

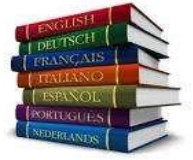
#### What this course can lead to

The ability to speak a language other than English is a skill which is becoming increasingly important. Our students will enter a workplace in which they will compete for employment with young people from the E.U. and elsewhere who speak English in addition to their own language. Monolingual students will be at a distinct disadvantage

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The ability to speak to others in their own language is a sign of global citizens who contribute effectively to their own and other societies.



## LANGUAGES: LANGUAGES FOR LIFE AND WORK

### S4

The Modern Languages for Life and Work Award supports learners to develop language and employability skills in contexts that are relevant to life and work. The award can be completed using a combination of two languages, for example any two of Spanish, Mandarin, French and German. The languages is decided depending upon staffing and learner interest. Prior learning or knowledge of the languages used is NOT required. The course will draw upon the development of language skills as well as partnerships with businesses and the world of work. The Awards are available at SCQF levels 3 and 4. Following completion, learners may decide to progress their learning in one or two of the languages to National 4 or 5 level as they progress through the Senior Phase beyond S4. Units are comprised as follows:

### What this course can lead to

**Building Own Employability Skills** (which involves finding information about suitable employment opportunities and developing the skills needed to apply for a job).

**Languages for Work Purposes** (which involves taking part in a job related discussion and demonstrating understanding of straightforward vocational texts written in the language studied).

**Languages for Life Purposes** (which involves demonstrating straightforward language related to culture and everyday life).

In all units, there is a direct focus upon the development of intercultural understanding. This allows learners to become confident, global citizens who are ready to contribute to a global workforce.



## MATHEMATICS

### Senior Phase and Beyond

#### S4

Students will continue to study Mathematics with a view to being presented at National 3, 4 or 5 depending on progress in S3. In S4 the Mathematics course has two options with units covering the following topics, depending on the course and level being studied.

A video presentation on options in this subject can be found here -

<https://craigmounthighschool.co.uk/faculties/mathematics/>

#### **Applications of Mathematics**

Explores the application of Maths techniques and skills in everyday situations.

- Numeracy
- Geometry and Measures
- Finance and Statistics

Why would I pick Applications of Maths?

- Useful in 'real life'. Students can see themselves applying skills learnt in the classroom into an environment outside the classroom.
- Applicable to real world, there is no abstract thinking, therefore students tend to find this course more accessible.
- Can be seen as a complimentary course to other curriculum areas, including social subjects, technologies, health and wellbeing, science and PE.
- Helps to build confidence in Maths and numeracy for use in social subjects, humanities and more vocational careers, such as building, joinery, early years childcare, plumbing.
- Widely accepted in, with key skills catered towards, careers and university courses in non-science-based fields, where algebra and abstract thinking is not required.

#### **Mathematics**

Explores the abstract concepts of Maths skills, in preparation for study of Maths and Science at a higher level.

- Expressions and Formulae
- Relationships
- Applications

Why would I pick Maths?

- Has had success throughout S2 and S3 with the Level 4 Maths outcomes and experiences.
- Enjoys working through logical and methodical processes.
- Can be seen as a complimentary course to students taking science and engineering at a higher level.
- Required for university and college courses demanding more abstract thinking, such as algebraic skills. Courses include Maths, a Science, Business, Accounting or Psychology beyond school.

Needs Advanced Higher or Higher Maths as a pre-requisite for their chosen course at university.

### What this course can lead to

The Mathematics skills that students will gain in this course can lead to further studies in Mathematics and related courses, and to jobs requiring Numeracy Skills.

Students will develop transferable Skills for Learning, Skills for Life and Skills for Work, opening up a wide range of career and study opportunities and enabling them to develop as responsible citizens who can contribute effectively in society and the world.

Students can continue on to National 4, 5 or Higher Mathematics depending on their progress in S4. A student achieving a pass in Higher would hope to progress to Advanced Higher in S6.



## MODERN STUDIES

### Senior Phase and Beyond

#### S4

In S4 students can continue with deepening their understanding of people and society through the study of Modern Studies. Students will be able to progress through the study of Modern Studies at either National 3, 4 or 5. Students will study 3 units:

- Social Issues in the UK
- Democracy in Scotland and the United Kingdom ☒ International Issues

Students will also complete a Modern Studies Assignment.

#### What this course can lead to

Students can progress to further study within the Modern Studies Department at National 5 and beyond. Students will build up a framework of knowledge and understanding with which to understand and respond to global issues which can help them develop a sense of responsible citizenship as well as developing transferrable skills for learning, life and work, opening up a wide and diverse range of occupations and careers.



## MUSIC- PERFORMANCE

### Senior Phase and Beyond

#### S4

Students opting to continue with Music in S4 will be presented at National 3, 4 or 5 depending on their progress. The S4 course builds on the knowledge, understanding and skills developed in S1-3 Music. It is split into 3 areas which are internally assessed:

- Performing Skills
- Composing Skills
- Understanding Music

Students presented at National 4 will have to complete an Added Value Unit on Music Performance.

Students presented at National 5 will have an external assessment of Music Performance and a written question paper on Understanding Music.

## What this course can lead to

Students can continue on to National 4, 5 or Higher Music depending on their progress in S4. A student achieving an A or B grade in Higher would hope to progress to Advanced Higher in S6.

Music is valued by employers, colleges and universities. It gives students the opportunity to gain confidence, work as part of a team, develop communication and leadership skills and use their creativity.

Further study and careers in Music, Performing Arts, Medicine, Sound Technology, Education, Music Therapy and anything that involves working with others.



## MUSIC- TECHNOLOGY

### S4

#### Course Aims

- To develop students' skills and techniques using music technology.
- To develop knowledge and understanding of 20th and 21st century musical styles and genres and related music technology.
- To use music technology skills in a range of contexts including live performance, radio and podcasting, composing and/or sound designing for film, TV, adverts or games.

#### Course Content

The course is divided into three areas: Music Technology Skills, Understanding 20th and 21<sup>st</sup> Century Music and Music Technology in Context. In the Music Technology Skills unit, students will develop a range of practical skills and techniques relating to the creative use of music technology hardware and software to capture and manipulate audio. In the Understanding Music unit, students will develop an understanding of 20th and 21st century music as well as how music technology has influenced (and been influenced) by this music, including a basic understanding of the music industry and copyright. In the Music Technology in Context unit, students will use their skills in a range of contexts creatively, which could include live sound, recording, sound design for film and podcasting.

#### Course Assessment

Once students are competent at the above, they will be assessed in 2 areas that will contribute to the final grade at National 5.

#### Question Paper- 40 Marks (Scaled to 30% of overall mark)

The question paper will assess breadth of knowledge and understanding of concepts related to music technology and 20th and 21st century music.

#### Recording Assignment-100 Marks (Scaled to 70% of overall mark)

The assignment will demonstrate the ability to apply knowledge and skills to plan, implement and evaluate a completed creative sound production. This will be underpinned by knowledge and understanding of music and music technology equipment and techniques. It will be sufficiently open and flexible to allow for personalisation and choice. 2 assignments are required to be completed and choices may include:

- A radio broadcast
- A Soundtrack for a film or broadcast
- A live concert recording
- A soundtrack for computer games or an animation

## What this course can lead to

Music is valued by employers, colleges and universities. It gives students the opportunity to gain confidence, work as part of a team, develop communication and leadership skills and use their creativity.

Further study and careers in Music, Performing Arts, Medicine, Sound Technology, Education, Music Therapy and anything that involves working with others.



## PHYSICAL EDUCATION

### Senior Phase and Beyond

#### S4

In S4, learners will be presented at National 4 or 5 depending on their level of practical performance and their ability to demonstrate an understanding of factors impacting on performance. Learners will identify development needs within their own performance and plan to undertake a programme of improvement. National 5 assessment requires students to create and maintain portfolios which are sent to SQA for assessment.

#### What this course can lead to

Studying Physical Education at this level will help give students the knowledge, attitudes, skills and confidence needed to be physically active for life. Self-management skills such as goal-setting and self-monitoring are taught in an environment which actively teaches the interpersonal skills required for cooperation, self-responsibility and competition.

#### Further Study:

- ☐ National 5 PE, Higher PE, Advanced Higher PE or Sport and Fitness
- NPA ☐ Sport, Physical Education or Physical Activity college courses.



## PHYSICS

### Senior Phase and Beyond

#### S4

S4 Physics is available at National 3, National 4 and National 5.

- At National 3 and 4 the Units studied are Electricity and energy, Dynamics and space and Waves and radiation.
- At National 5 the six topics studied are Waves, Radiations, Electricity, Energy, Dynamics and Space. **(Please note that successfully completing the Broad General Education level 4 experiences and outcomes or National 4 Mathematics is essential to fully access the National 5 Physics course).**
- Learners achieving a National 3 in Physics would progress to National 4 Physics or a National 4 in Biology or Chemistry.
- Learners achieving a National 4 in Physics would progress to National 5 Physics or a National 4 in Biology or Chemistry.
- Learners achieving a National 5 in Physics would progress to Higher Physics or a National 5 in Biology or Chemistry. **(Please note that completing National 5 Mathematics is an essential to fully access the Higher Physics)**

## What this course can lead to

Studying Physics provides an excellent foundation for pursuing Modern apprenticeships, Graduate apprenticeships, Further and Higher Education qualifications and careers in the Physical Sciences including, Medicine, Dentistry, Pharmacy, Veterinary Science, Engineering, Astronomy, Astrophysics, Computer science, Electronics and other science related subjects. The Physics courses develop many of the essential skills that employers, colleges and universities are looking for such as the ability to analyse and draw conclusions from complex data, as well as research, reporting and presentation skills.

## PRACTICAL WOODWORKING



## Senior Phase and Beyond

### S4

In S4 the Practical Woodworking course goes into much greater depth in the use of hand and machine tools and their use in the production of considerably more complex wood models.

## What this course can lead to

The confidence gained from the practical aspects of the course is hugely valuable and can have a very positive impact on students' willingness and ability to tackle practical tasks in many situations outside the classroom.

The subject provides an excellent base for various trades such as joinery, carpentry and construction. It is also very useful for anyone considering careers in product or furniture design, engineering, or architecture.



## RELIGIOUS & MORAL EDUCATION

### Senior Phase and Beyond

#### S4

The Religious, Moral and Philosophical Studies course gives students a valuable insight into the truly diverse and multicultural society in which we live. Students will be presented at National 3,4 or 5 depending on progress. It should be noted that all S4 students have core RMPS embedded in the curriculum for one period a week. Students who wish to study at National 3, 4 or 5 should choose the subject as one of their subject choices.

The course is divided into the following units of work:

- Christianity
- Origins
- Morality and Conflict

Assessment:

- 80% final exam marked externally
- 20% assignment completed in class time and marked externally

#### What this course can lead to

Students can progress onto Higher and Advanced Higher RMPS. At Higher level, it is a demanding subject and adequate preparation for a number of popular and demanding undergraduate university courses.

Careers within RMPS are wide ranging, and include teaching, social work, police, law, health care and politics. The skills gained by studying RMPS are transferable skills which are highly valued in many occupations, and for entry to many degrees.



## WORK BASED LEARNING PROGRAMME (JET)

### Senior Phase and Beyond

S4

#### What this course can lead to



Our work based learning programme includes a work placement through JET which stands for Job Employment Training and also includes employability qualifications which are at National 4 level and widely recognised by employers. JET is a programme which runs all across Edinburgh with students from other Edinburgh Schools in S4,5,6. This year 20 students from Craigmount and over 300 students across Edinburgh are on the JET program.

If you chose the Work Based Learning course you have a 1 day a week placement every Friday in your chosen field. Previous employers have included Joinery, Construction, Childcare, Mechanics, Hair and Beauty, Sports Coaching and the Financial sector. The course gives students a chance to balance school life and working life, you attend School Monday-Thursday and on a Friday you attend your Work Placement. Alongside the course you will also receive an SQA Employability Award equivalent to National 4 which you work on in school during allocated periods.

This course is suited for students who are considering leaving school in the future to go into employment or a Modern Apprenticeship.

If you are interested, please speak to your Pupil Support Leader or Mrs Jack and tick Work Based Learning N4 on your sheet. There will be a full parent/carer briefing for those who have expressed an interest.