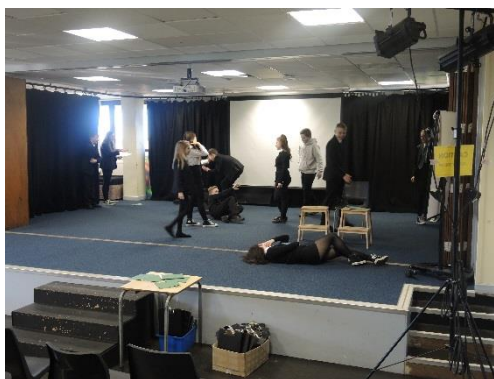




# Our Lady's High School, Cumbernauld

**A Community of Faith & Learning**



## **The S3 Experience**

S3 Course Information

For Pupils & Parents

## CONTENTS

Administration & IT .....	2
Art & Design .....	3
Biology.....	4
Business Management.....	5
Chemistry .....	6-7
Computing Science .....	8
Drama .....	9
English & Literacy.....	10
French .....	11
Geography.....	12
Graphic Communication .....	13
History .....	14
Hospitality: Practical Cookery.....	15
Mathematics .....	16
Modern Studies.....	17
Music .....	18
Music Technology.....	19
Physical Education.....	20
Physics .....	21
Practical Woodwork.....	22
Spanish .....	23



## **Administration & I.T**

### BGE Content in S3:

The majority of work in S3 Administration & IT is based on the computer to allow pupils to further develop their ICT skills. They will learn how to create a variety of business documents such as memorandums and business letters using Word Processing software. They will also learn how to create and edit databases using Database software, as well as using Spreadsheet software to perform calculations and create charts. They will also develop their knowledge & understanding of the role of administration in today's workplace including topics such as Customer Care and Health and Safety.

### Skills Developed in S3:

Pupils will develop a variety of skills throughout the S3 Administration & IT course such as problem solving, research, presentation, organisational, team working and ICT skills.

### How does S3 link to the National Qualifications and the Senior Phase:

Pupils can progress onto either National 4 or National 5 Administration and IT in S4.

### Careers involving Administration & IT:

Administration & IT is an appropriate course for anyone considering a career in administration, Banking, Insurance, Contact Centres, Local Government Organisations or Clerical Officers.



## Art & Design

### BGE Content in S3:

Art & Design is a practical and experiential subject and is suitable for all learners with a general interest in Art and Design and for those who may wish to progress onto higher levels of study. The BGE course in S3 continues to develop practical skills in the area of expressive work where pupils communicate personal thoughts, feelings and ideas using a range of media; Pupils will produce some design work working imaginatively and creatively developing problem-solving skills. Pupils will gain knowledge, understanding and appreciation of artists' and designers' work and practice. They will learn how to integrate their knowledge of art and design practice with practical activities.

### Skills Developed in S3:

The course allows pupils to develop their individual creativity and personal self-expression. It is largely learner-centred where the learning experiences in the Course are flexible with opportunities for personalisation and choice as pupils' move through the later stages of the BGE course. Pupils will develop their imaginative ideas in both expressive and design contexts. They will use a range of Art & Design media, materials and techniques when developing their artwork. Pupils will draw from first hand resources, and produce work, which shows an understanding of the visual elements. A range of approaches will be adopted, showing ability to select and use appropriate media with skill and sensitivity in the areas of portraiture and still life. In the design process pupils will work imaginatively and develop individual creativity developing skills in problem solving, critical thinking and reflective practice of others; communicate personal thoughts, feelings and ideas.

### How does S3 link to the National Qualifications and the Senior Phase:

Successful learners will progress onto National 4 or National 5 level Art and Design in S4.

### Careers involving Art and Design:

Art & Design is an appropriate subject for anyone considering a career in Architecture, Graphic and Interior Design, Textile & Fashion Design, Public Art Commissions, Art Therapy, Community Arts work, Photography, Printing & Publishing, Film Television, Animation, Visual Special effects, Computer Graphics & Virtual Reality, Colour consultant, Web Design, Make-up Artistry, Teaching, Costume Design, Prop Designer, Ceramic Designer, Silversmith/Jewellery Designer, Glass Artist, Book Illustrator, Cartoonist, Mural Artist, Toy Designer, Personal Stylist, Picture Framer, Colour Consultant.



## Biology

### BGE Content in S3

The S3 course consists of topics linked to Environmental Biology and Cells. In S3, pupils will study;

- The wide variety of living things present on Earth
- How living things are interrelated depend on one another and on the environment for survival
- The evolution of new species and their adaptations for survival
- The impact of the human population on the environment
- The structure and functions of many types of cells
- The main processes needed for the functioning of cells. Including diffusion, DNA organisation and enzyme reactions.

### Skills Developed in S3

The aim of this course is to help pupils to learn Biology in a way that enhances their skills for future learning. Biologists must be creative and solve problems both on their own and by working collaboratively with each other. All pupils are encouraged to have an enterprising approach to learning to develop 'Thinking Skills'. Pupils will be required to work on a range of tasks which develop problem solving skills and will also carry out a number of practical investigations.

### How does S3 link to the National Qualifications and the Senior Phase?

Pupils will build upon their existing knowledge of Biology to progress through National 4 and National 5 level Biology in S4. The practical investigations carried out in S3 are written up in line with SQA requirements to allow pupils to develop skills needed for their S4 assignment.

### Careers involving Biology

Biology is an appropriate subject for anyone considering a career in Medicine, Nursing, Midwifery, Dentistry and Veterinary Medicine. There are many opportunities in the ever-changing world of research and lab-work, including such things as research into new Genetic Techniques, Exploratory work in the Biodiversity and Oceanography of the globe, Medical Research and the progressive world of Bio mimetics. Job opportunities are also opening up in many aspects of forensics.



## Business Management

### BGE Content in S3:

In S3 Business Management pupils will study various topics such as how and why businesses operate in today's society as well as learning about the different types of business that exist. They will also look at the role of the entrepreneur and how stakeholders and external factors such as a change in the law or a new government can affect businesses and the decisions they make. Pupils will also look at the importance of customer satisfaction to businesses today and gain an introduction to marketing, finance, operations and human resources.

### Skills Developed in S3:

Pupils will develop a variety of skills throughout the S3 Business course such as problem solving, research, presentation, team working and ICT skills.

### How does S3 link to the National Qualifications and the Senior Phase:

Pupils can progress onto either National 4 Business or National 5 Business Management in S4.

### Careers involving Business Management:

This course is appropriate for anyone considering a career in Finance, Marketing, Retail Management, Leisure Management or Human Resources.



## Chemistry

### BGE Content in S3

The S3 Chemistry Course is practical and experiential and develops scientific understanding of issues relating to chemistry. The Course will develop concepts within a reverse engineering process, where learners start with a product and work backwards to develop the underlying chemistry. The topics studied include:

- Chemical Reactions,
- Periodic Table,
- Elements and Compounds,
- Acids and Alkalis,
- Fuels and Hydrocarbons,
- Everyday Consumer Goods
- Plant to Product.

### Skills Developed in S3

The S3 Chemistry Course develops learners' skills through the study of the applications of chemistry in an everyday context. By using a skills-based approach to developing knowledge and understanding of some basic chemistry concepts, learners will become scientifically literate citizens, able to evaluate the science-based claims which they will come across in a rapidly developing society. Skills are developed throughout the course but primarily through a range of practical work supported by formative and summative assessment to evaluate learning.

### How does S3 link to the National Qualifications and the Senior Phase?

Choosing Chemistry in S3 allows pupils to embark upon study that will lead to National 4 or National 5 qualification courses in S4.

### Careers involving Chemistry

Chemistry is an essential part of our lives. It is concerned with the food we eat, the clothes we wear, the fuels we burn and the way in which we live.

We all depend heavily on people who understand chemistry. Chemists are the people who work in industry, medicine and research, who try to make sure that we have a better standard of living. Chemists do this by:

- discovering new drugs and medicines to improve health standards,
- creating synthetic fibres and dyes for the clothes we wear,
- making fertilisers and pesticides for use in agriculture,
- developing special materials for electronics, computers and aeroplanes.



Doctors, vets, dentists, pharmacists, forensic scientists and many other occupations require a knowledge of chemistry. Chemistry is central to most of the basic sciences. It is linked with Physics through sciences such as electronics and astronomy, and is linked with Biology through sciences such as biochemistry, biomedical sciences and agriculture.

Chemistry also provides an excellent training for many non-scientific careers, since the study of chemistry develops skills such as: problem solving, analytical thinking, numeracy, practical skills and co-operation with others.





## Computing Science

### BGE Content in S3:

In the S3 Computing Science course pupils will develop both their knowledge and understanding of computing concepts as well as develop their ICT skills. In the Database Design & Development unit pupils will use database software to learn how to design, create and update an information system. In the Web Design & Development unit they will learn how to design and script their own webpages using HTML and JavaScript. Pupils will also gain knowledge of the legal and environmental implications of using ICT in the Computer Systems unit.

### Skills Developed in S3:

Pupils will develop a variety of skills throughout the S3 Computing Science course such as problem solving, research, presentation and ICT skills.

### How does S3 link to the National Qualifications and the Senior Phase:

Pupils can progress onto either National 4 or National 5 Computing Science in S4.

### Careers involving Computing Science:

Computing Science is an appropriate course for anyone considering a career in IT related careers including Programming, Engineering and Games and Software Development.



## Drama

### BGE Content in S3:

The Drama course in third year continues to develop the significant aspects of learning: Creating, Presenting, Evaluating and Appreciating. During the course, pupils will have the opportunity to express themselves in different ways, think creatively, meet challenges positively and find imaginative solutions to problems. They will also get the chance to work cooperatively and communicate with others, and in so doing, show initiative, dependability, and leadership. Pupils will have the opportunity to perform for different audiences and to be part of an audience for others. They will be encouraged to develop an enquiring mind by analysing, exploring and reflecting on their own work and that of their peers.

### Skills Developed in S3:

A range of practical teaching and learning resources will be used to deliver the course including the use of specialist technical equipment. Pupils will be given a variety of opportunities to work in collaborative groups of varying sizes to give performances ranging from individual monologues to whole class ensemble pieces. Pupils will be required to provide written evidence of their learning and will be supported throughout the course through a range of activities and resources designed to suit their individual needs and learning style.

### How does S3 link to the National Qualifications and the Senior Phase:

Throughout their study of the Level 3 and 4 Experiences and Outcomes, pupils will be thoroughly prepared for the challenges of the National Qualifications that take place in the Senior Phase.

### Careers involving Drama:

Drama is an appropriate subject for anyone considering a career in working with others - a desirable skill highly valued by employers. Drama also enables individuals to develop a wide range of personal skills which are essential for learning, work and life.



## English & Literacy

### BGE Content in S3:

The English and Literacy course in third year continues to develop the significant aspects of learning: Reading, Writing, Listening and Talking. All pupils engage with a broad range of increasingly complex texts, including Scottish texts, to develop and apply knowledge and understanding of language. They learn to find, use and organise information, including developing critical literacy skills. Reading and listening strategies to understand, analyse and evaluate texts are taught and pupils create texts of increasing complexity using more sophisticated language. Creating texts will include engaging effectively with others in different contexts demonstrating a range of verbal and non-verbal communication skills. Pupils will be taught to write with increasing accuracy, making effective use of spelling, grammar and punctuation.

### Skills Developed in S3:

Pupils will experience a range of methodologies and approaches during their third year. They will participate in group work and learn collaboratively using higher-order thinking skills as well as having the opportunity to take part in interdisciplinary projects with other departments. Working with ICT will also be encouraged as pupils are supported to work with increasing independence.

### How does S3 link to the National Qualifications and the Senior Phase:

Throughout their study of the Level 3 and 4 Experiences and Outcomes, pupils will be thoroughly prepared for the challenges of the National Qualifications that take place in the Senior Phase.

### Careers involving English and Literacy:

English and Literacy enables pupils to develop the communication skills which are essential for learning, life and work. College and university courses most often require a qualification in English to gain entry and employers increasingly demand a high standard of literacy, communication and analytical thought from all prospective employees.



## French

### BGE Content in S3:

The S3 French course provides learners with the opportunity to develop their existing skills in Listening & Talking, Reading & Writing within the new language of French. In addition, learners will be equipped with the skills to understand and use language in real contexts and will develop their knowledge of simple language across the 4 contexts of Society, Learning, Employability, and Culture. Pupils will explore the Experiences and Outcomes at the Third Level and where appropriate will stretch their learning into Fourth Curriculum Level Experiences and Outcomes. Where possible, learners will enjoy personalisation and choice and will increase their use of higher order thinking skills. Through coherent, progressive and challenging course outlines, pupils will deepen and broaden their knowledge and be given opportunities to develop leadership as well as skills for learning, life and work in preparation for the Senior Phase.

### Skills Developed in S3:

The Modern Language classroom will be vibrant, innovative, creative, challenging and motivational where pupils will reflect, communicate and develop ideas through the target language. Pupils will participate in individual and group activities such as role-plays, cultural projects and relevant language ‘scenarios’ which will allow them to see ‘real language at work.’ A wide range of media and modern, interactive software means our pupils will not only have the opportunity to communicate ideas and think critically, but to also be creative and enhance their enjoyment and understanding of their own and other cultures. Classes will be delivered in a manner that encourages pupils to build on their 4 skills and to also gain the confidence to communicate freely. Pupils will be provided with rich learning experiences and will be encouraged to become independent learners and take on more responsibility for their own learning in preparation for the Senior Phase.

### How does S3 link to the National Qualifications and the Senior Phase:

Since this is a new language, only learners who show commitment, dedication, hard work and motivation can successfully progress to National Qualifications in S4.

### Careers involving Modern Languages (*French and Spanish*):

A Modern Languages subject is an appropriate course for anyone considering a career in International Business, the IT and Financial Sectors, professions in Travel, Tourism and Hospitality, Interpreting and Translation and Teaching. However many employers find the ability to use and understand another language as highly desirable criteria.



## Geography

### BGE Content in S3:

S3 BGE Geography will introduce learners to the concepts of both the physical environment and the impact of population change. They will study natural regions with a focus on Rainforests and Tundra. They will also do an in depth study of Glaciation and finally, they will examine population - looking at reasons for Population change and its impact.

### Skills Developed in S3:

Learners studying Geography will have the opportunity to experience the benefits of an inclusive, pupil-centred approach. A wide variety of learning activities will be experienced, with a focus on targeting the preferred learning styles of individual pupils. Learners will also have the opportunity to participate in individual, group and whole class activities including having the chance to present/lead lessons themselves. Learners will develop a range of transferable skills by developing the skills of Describe and Explain. They will expand on their prior learning of map skills from S1 Geography and be able to write in detail about the Glacial and features they have learned about.

### How does S3 link to the National Qualifications and the Senior Phase:

S3 Geography will introduce learners to many of the skills required for the Senior Phase, ensuring they are well prepared to progress. Time spent on working with sources and developing research skills will ensure they are prepared to tackle the Added Value components required in the Senior Phase. Learners will have an understanding of the skills required and will be able to progress further with these into National Qualifications.

### Careers involving Geography:

Geography is an appropriate subject for anyone considering a career in Climatology, Environmental Management, Research, International Aid, Leisure and Tourism, Nature Conservation, Ecology and Meteorology.



## Graphic Communication

### BGE Content in S3:

S3 Graphic Communication consists of two areas of study: 2D Graphic Communication and 3D and Pictorial Communication. In 2D Graphics, pupils will produce and interpret 2D sketches and drawings, preliminary designs and illustrations for promotional displays and create 2D promotional layouts. In 3D and Pictorial Graphics, pupils will produce and interpret pictorial sketches, drawings and 3D models, produce 3D illustrations and create pictorial or 3D promotional displays. Pupils will develop their skills in both manual and electronic graphic techniques and further develop their knowledge of CADD (computer-aided drawing and design).

### Skills Developed in S3:

A wide variety of learning and teaching resources and techniques will be used to deliver the course including the use of practical graphics tasks, use of computer modelling, rendering and DTP packages, online resources, textbooks and internet research. The use of Information & Communications Technology is a vital and integral part of the course and pupils will be given ample opportunity to work in this area. All lessons are delivered in an enterprising manner using situations and scenarios that the pupils are familiar with and challenging them to see the link between how the knowledge and skills gained in the classroom can be applied to the outside world.

### How does S3 link to the National Qualifications and the Senior Phase:

This course enables successful learners to progress to the National 4 or National 5 Graphic Communication course in S4.

### Careers involving Graphic Communication:

Graphic Communication is an appropriate course for anyone considering a career in Design, Architecture, Engineering, Branding, Illustration and Surveying. This course is also appropriate for anyone considering a course in the construction industry.



## History

### BGE Content in S3:

S3 BGE History consists of 2 units: The Reasons for the Outbreak of World War One, and the Impact of the First World War on Scotland. Initially learners will be introduced to the concept of conflict and global relationships, before focusing on the relative impact of a range of factors on the eventual outbreak of fighting in 1914. They will then go on to examine the concept of 'Total War' with a focus on both the experiences of Scottish men on the battlefield as well as the impact of conflict on those living at home in Scotland. Throughout these two units learners will develop a detailed knowledge and understanding of integral subject content which will be essential to their learning if they elect to carry forward History into the Senior Phase. Similarly, they will gain a range of transferable skills including, evaluating, analysing, explaining, describing and establishing relative importance of factors.

### Skills Developed in S3:

Learners studying History will have the opportunity to experience the benefits of an inclusive, pupil-centred approach. A wide variety of learning activities will be experienced, with a focus on targeting the preferred learning styles of individual pupils. Learners will also have the opportunity to participate in individual, group and whole class activities including having the chance to present/lead lessons themselves. Learners will develop a range of transferable skills by exploring, evaluating and assessing a range of historical sources. Learners will also have the opportunity to evaluate factors contributing towards historical development, change and continuity. Similarly, they will develop analysis skills.

### How does S3 link to the National Qualifications and the Senior Phase:

S3 History will introduce learners to many of the skills required for the Senior Phase, ensuring they are well prepared to progress. Time spent on working with sources and developing research skills will ensure they are prepared to tackle the Added Value components required in the Senior Phase. Learners will have an understanding of the skills required and will be able to progress further with these into National Qualifications.

### Careers involving History:

History is an appropriate course for anyone considering a career in Teaching, Law, Museum work, Archaeology, Research, Accountancy, Journalism and the media.



## Hospitality: Practical Cookery

### BGE Content in S3:

The S3 Hospitality course includes the following key experiences and outcomes:-

#### **1. Practical Cookery Skills, Techniques and Processes**

Through participation in practical food activities, pupils will develop technological skills in food preparation and will apply these to produce dishes. They will also learn to critically evaluate their work and the work of others. High standards of food hygiene in practical work is expected and there may be an opportunity to achieve an introductory food hygiene award.

#### **2. Understanding and Using Ingredients**

Pupils will develop their knowledge and understanding of the properties and functions of various ingredients, the relationship between food and health and the importance of conserving resources.

#### **3. Organisational Skills**

Through learning to follow recipes, pupils will develop planning, organisational and time management skills.

### Skills Developed in S3:

- The Course has a strong practical focus with weekly cookery demonstrations and practical cookery lessons. This will allow pupils to develop a range of cookery skills, food preparation techniques, planning, organisational and time management skills. All of these skills are further developed and assessed in National Qualifications in Practical Cookery.
- Theoretical aspects of the course are developed by class discussion, group tasks, individual written tasks, research tasks, and viewing relevant online material.
- Through its emphasis on safety and hygiene, the course will equip pupils with the ability to follow safe and hygienic practices in all cookery situations.

### How does S3 link to the National Qualifications and the Senior Phase:

This course aims to provide a secure foundation for the study of practical cookery qualifications in S4, S5 or S6.

### Careers involving Hospitality:

This course is appropriate for anyone considering a career in the Hospitality or Catering Industry.





## Mathematics

### BGE Content in S3

National courses are designed to draw on and build on Curriculum for Excellence experiences and outcomes as appropriate.

The N5 Mathematics course builds on the skills and knowledge gained from success with fourth level experiences and outcomes. N5 will develop and assess Algebraic (both linear and quadratic), Geometric, Statistical, Trigonometric and Reasoning Skills.

N3/4 Applications of Mathematics and N4 Mathematics and their respective third and fourth level experiences and outcomes are broadly equivalent in terms of level of demand although N3/4 Applications of Mathematics and N4 Mathematics will be more specific to allow for more specialist study of Mathematics/Numeracy.

In both N4 and N5 pupils will be expected apply these skills to interpret a situation which requires the use of mathematics, select an appropriate strategy to solve a problem and to explain a solution by relating it to the task.

### Learning & Teaching Approaches

Pupils will experience a range of learning and teaching approaches including the use of technology and other resources to enhance the delivery of the course. Real life data and applications will be used where appropriate. Pupils will also engage in remediation and consolidation of learning needed for preparation for Unit assessments and final assessment. Regular homework is an integral part of all courses. All pupils must have their own scientific calculator.

Career Possibilities: For most careers or entry to Higher or Further Education courses (College or University) attainment in Mathematics is either a preferred or essential requirement.

Applications of Mathematics is usually accepted for non-scientific/technology based courses.



## Modern Studies

### BGE Content in S3:

S3 BGE Modern Studies introduces learners to current issues. Throughout S3 they will examine current issues such as Independence and Donald Trump. They will complete an in depth study of Crime and Law, focusing on types of crime, causes of crime and the impact of crime on society. They will examine the role and powers of the police and the court system in Scotland.

### Skills Developed in S3:

Learners studying Modern Studies will have the opportunity to experience the benefits of an inclusive, pupil-centred approach. A wide variety of learning activities will be experienced, with a focus on targeting the preferred learning styles of individual pupils. Learners will also have the opportunity to participate in individual, group and whole class activities including having the chance to present/lead lessons themselves. Learners will develop a range of transferable skills by learning to Describe. They will also be introduced to source skills questions such as examining the selectivity of sources, and being able to reach conclusions based on source information provided.

### How does S3 link to the National Qualifications and the Senior Phase:

S3 Modern Studies will introduce learners to many of the skills required for the Senior Phase, ensuring they are well prepared to progress. Time spent on working with sources and developing research skills will ensure they are prepared to tackle the Added Value components required in the Senior Phase. Learners will have an understanding of the skills required and will be able to progress further with these into National Qualifications.

### Careers involving Modern Studies:

Modern Studies is an appropriate course for anyone considering a career in Civil Service, Journalism, Law, Management, Police, Teaching, Social Work and Local Government.



## Music

### BGE Content in S3:

Music develops creativity, listening skills and powers of concentration. This course provides all learners the opportunity to develop and consolidate a general interest in music, and to further develop practical and listening skills developed in S1 and S2. It also allows learners to develop their own creativity through composition. This course, therefore, focuses on Performing, Composing, and Understanding Music:

**Performing skills:** You will continue to study the two instruments or, possibly, one instrument and voice that you chose in S1. You will improve on the skills that you gained in S2.

**Composing skills:** You will learn how to create your own original music.

**Understanding music:** You will study many different styles of music, from Pop to Classical, Scottish to Jazz, and also develop your understanding of music literacy.

### Skills Developed in S3:

Two periods each week will be spent on developing practical skills on your chosen instruments. Lessons will be given by the class teacher or possibly one of the visiting instrumental tutors. One period will be spent developing an understanding of music through musical concepts and musical literacy. This will be done using a wide variety of approaches including power points, DVD's and listening to a wide range of music. This third period will also be used for composing your own music.

### How does S3 link to the National Qualifications and the Senior Phase?

The S3 Music course allows pupils to work at their own pace and ability. It provides personalization and choice and will help pupils develop the necessary skills, knowledge and understanding for progression to the Senior Phase.

### Careers involving Music:

Many of the skills required to play a musical instrument are useful in other aspects of daily life. For example, in most careers you will be required to show dedication, commitment, ability to work individually and as a group – all of which you learn when playing an instrument. There are many opportunities open to people who study music. These are varied; from professional Musicians to Sound Engineers, Dancers to DJ's. It is also appropriate for anyone considering a career as a Music Technician, Song Writing, Performing and Recording and Producing. It is very useful for both Primary and Secondary teaching and is highly regarded and widely accepted as an entry qualification into a wide range of University courses that you wouldn't initially think about, as well as Further Education courses. Music is highly sought after by a wide range of university and college courses due to its unique mix of practical skills and academic rigour and many music students go on to study medicine, law, maths and history if they do not choose music as a future career choice. For many it may not be a career, but will be a lifelong leisure pursuit, the benefits of which manifest themselves in many ways.



## Music Technology

### BGE Content in S3:

The S3 Music Technology course would be suitable for learners who enjoy working with technology and computers, who are interested in working creatively and independently, and/or who have an interest in any element of sound production or music production. Learners who wish to pursue STEM related careers may benefit from studying this subject.

Learning takes place mostly through practical activities on computers. Learners will work through a variety of projects which allow them to learn, develop and apply skills in audio capture, mixing and mastering, applying effects and processes and bouncing down files. There are a variety of contexts to work in, including multi-track mixes of songs, sound design for film and gaming, foley, audiobooks, MIDI composition and more.

### Skills Developed in S3:

Learners are predominantly working on music technology specific skills, but simultaneously develop their digital literacy, communication, numeracy, planning, organisation and time management skills. Although vocational by nature, the course develops 21<sup>st</sup> century skills which are widely required in future learning and work environments.

### How does S3 link to the National Qualifications and the Senior Phase?

The S3 Music Technology course introduces learners to the fundamentals of working with sound in preparation for study at National 4 and National 5. The projects completed in S3 will mirror projects completed at National 4 or 5 level, and learners will have covered the core skills required to successfully embark on National level qualifications by the end of S3.

### Careers involving Music:

The course prepares learners for further study in any sound engineering or production capacity. Examples include Music Producers, DJs, professional musicians, sound technicians and audio engineers. There are a variety of Further and Higher education courses on offer in Scotland and beyond. Additionally, learners who study Music Technology have a clear trajectory in to other STEM linked careers. Beyond working in the field, learners who study a Music Technology course develop essential 21<sup>st</sup> Century skills which are required across all walks of life, regardless of future career intentions.



## Physical Education

### BGE Content in S3:

This course is for learners who have a genuine interest in Physical Education and who are prepared to work hard to improve their own fitness, skills, and understanding of physical activity. Learners are expected to take part in all activities. These activities will be both indoor, outdoor, individual, team and aesthetic. Learners will also engage in theory classes.

Learners will adopt a variety of roles including: coach, leader, observer, umpire/ referee and performer. Learners will develop an understanding of the four factors that impact on performance: mental, emotional, social and physical.

### Skills Developed in S3:

Studying Physical Education at this level will help give learners 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.

### How does S3 link to the National Qualifications and the Senior Phase?

Participating in this course will prepare learners with a solid foundation of the skills, knowledge and understanding needed to progress to study Physical Education at National 4 or National 5 level and beyond.

### Careers involving Physical Education:

Physical Education is an appropriate course for anyone considering a career in Sports Science, PE Teaching, Sports Coaching, Physiotherapy and Sport in The Community.



## Physics

### BGE Content in S3

In S3 physics, pupils will study topics on:-

- Sound Waves,
- Light Waves,
- the Electromagnetic Spectrum,
- Nuclear Radiation,
- Speed & Acceleration
- Forces & Motion

### Skills Developed in S3

The course provides opportunities for learners to develop skills, knowledge and understanding of Physics. In addition to this, the course aims to develop an understanding of the role of physics in scientific issues and relevant applications of physics in society. Pupils will develop investigative skills and analytical thinking skills in a physics context. Pupils will experience using technology, equipment and materials, safely, in practical scientific activities whilst developing their understanding of physics in a variety of interesting and stimulating ways. Problem solving skills will also be developed in a physics context, alongside scientific literacy, allowing pupils to make scientifically informed choices and develop the knowledge and skills for more advanced learning in the sciences. A major emphasis is placed on practical work with pupils learning through experiments and observation. Pupils will have the opportunity to work individually, in small groups and as a class. Pupils will also have access to ICT support enriching the learning experience through the use of computer simulations and virtual textbooks.

### How does S3 link to the National Qualifications and the Senior Phase?

Pupils can progress from the work covered in S3 to pursue National 3, National 4 or National 5 level Physics in S4.

### Careers involving Physics

Physics is an appropriate course for anyone considering a career in Aeronautics, Medicine, Computer Programming, Engineering, Education and Energetics as well as many other science related careers.



## Practical Woodwork

### Course Structure & Content

The Practical Woodworking course provides opportunities for pupils to gain a range of theoretical and practical woodworking skills relating to tools, equipment, processes and materials. They also develop skills in reading and interpreting working drawings and related documents as well as an understanding of health and safety.

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

### Learning & Teaching Approaches

A wide variety of learning and teaching resources and techniques will be used to deliver the course. Pupils will use a range of woodworking tools, equipment and materials safely and correctly for woodworking tasks. They will learn how to adjust tools where necessary, following safe practices. They will develop skills in reading and interpreting drawings and diagrams in familiar and some unfamiliar contexts. Pupils will measure and mark out timber sections and sheet materials in preparation for cutting and shaping tasks.

### Career Possibilities

This course is a broad-based qualification, suitable for learners with an interest in practical technologies. It is largely learner-centred, includes practical and experiential learning opportunities and is suitable for those wanting to progress onto further levels of study or a related career

The person who can both think and do is recognised as important to society. The skills developed in this course provide invaluable experience and preparation for design, engineering and manufacturing industries as well as many transferable skills regardless of the career path followed. Successful pupils can pursue FE courses in the fields of design, architecture, manufacture and engineering.



## Spanish

### BGE Content in S3:

The S3 Spanish course provides learners with the opportunity to build upon their existing knowledge and to further hone and develop their skills in Listening & Talking, Reading & Writing. Learners will be equipped with the skills to understand and use the language in real contexts and will develop their knowledge of more complex language across the 4 contexts of Society, Learning, Employability, and Culture. Pupils will complete all the Experiences and Outcomes at the Third Level and will stretch their learning into Fourth Curriculum Level Experiences and Outcomes. Where possible, learners will enjoy personalisation and choice and will increase their use of higher order thinking skills. Through coherent, progressive and challenging course outlines, pupils will deepen and broaden their existing knowledge and be given opportunities to develop leadership as well as skills for learning, life and work in preparation for the Senior Phase. In addition, pupils will embark upon a SQA accredited Award “Modern Languages for Life and Work” Award at SCQF Level 3/4. The award will develop learners’ language and employability skills in practical and relevant contexts.

### Skills Developed in S3:

The Modern Language classroom will be vibrant, innovative, creative, challenging and motivational where pupils will reflect, communicate and develop ideas through the target language. Pupils will participate in individual and group activities such as role-plays, cultural projects and relevant language ‘scenarios’ which will allow them to see ‘real language at work.’ A wide range of media and modern, interactive software means our pupils will not only have the opportunity to communicate ideas and think critically, but to also be creative and enhance their enjoyment and understanding of their own and other cultures. Classes will be delivered in a manner that encourages pupils to build on their 4 skills and to also gain the confidence to communicate freely. Pupils will be provided with rich learning experiences and will be encouraged to become independent learners and take on more responsibility for their own learning in preparation for the Senior Phase.

### How does S3 link to the National Qualifications and the Senior Phase:

Pupils who show commitment, hard work and motivation will successfully progress to National Qualifications in S4.

