

INCLUSIVE

PROGRESSIVE

AMBITIOUS

SENIOR PHASE COURSE OPTIONS

GREENFAULDS HIGH SCHOOL

Welcome to our Course Choice Booklet for Session 26-27.

The purpose of this booklet is to help pupils and families understand more about the wide range of courses that we offer to pupils in S5 and S6.

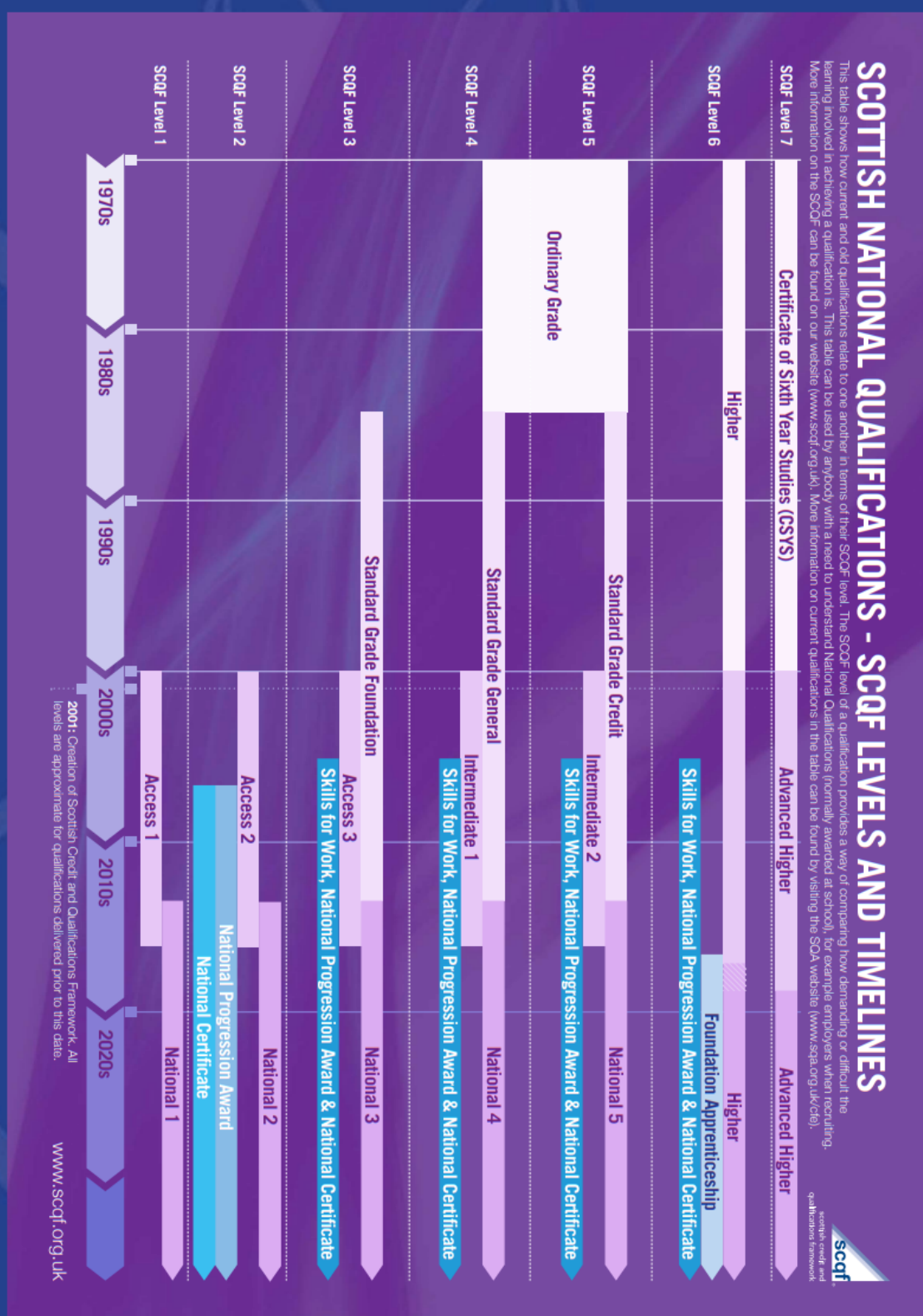
Before reading on, a couple of things to consider. Firstly, for pupils in S5 we would highly recommend that pupils stay with and develop further their best 5 subjects from S4. For pupils in S6 we would recommend that pupils use the range of courses to fill in any areas which they don't already have a qualification in which they need for their next step beyond school.

We have also changed the booklet a little this year to ensure that within some sections on each page, we have asked pupils who are currently studying or have studied these courses to write these sections. Our thinking is that it will be more accessible for pupils as well as avoiding us straying too far into 'teacher speak'. I hope you find the information contained within this booklet helpful.

A white rectangular box containing a handwritten signature in black ink. The signature is stylized, with a large loop at the bottom and a horizontal line extending to the right.

How do new qualifications relate to the ones that I sat at school?

One area that families consistently ask about is how do the new qualifications within school relate to the qualifications that they sat at school. To help you understand this we have included this helpful diagram which is a 'ready reckoner' for families to explain how these new courses relate to older courses.



National 5 Choices

Application of Maths

Art and Design

Ealain agus Deilbh (Art and Design through the medium of Gaelic)

Business Management

Dance

Design and Manufacture

Drama

English

French/German/Spanish

Gaelic Learners

Gàidhlig

Graphic Communication

Maths

Media

Music

Music Technology

PE

Practical Cookery

Practical Electronics

Psychology

Course title	<h1>Application of Maths</h1>
Course level	Level 5: National 5
Entry recommendations	National 4 Applications of Mathematics or National 4 Mathematics.
What the course involves	<p>Applications of Mathematics (National 5) has 3 Units:- Managing Finance and Statistics, Geometry and Measures and Numeracy.</p> <ul style="list-style-type: none"> • Managing Finance and Statistics – develops skills that focus on the use of mathematical ideas and valid strategies that can be applied to managing finance and statistics in real-life contexts which may be new to the learner. This includes skills in analysing financial positions, budgeting as well as organising and presenting data to justify solutions and/or draw conclusions. • Geometry and Measures – develops skills that focus on the use of mathematical ideas and valid strategies that can be applied to geometry and measurement in real-life contexts which may be new to the learner. This includes skills in analysing and using geometry and measures to determine and justify solutions to real-life problems. • Numeracy - develops numerical skills in number processes and information handling to solve problems in the context of money, time and measurement.
Assessment	<p>Pupils will be continually assessed throughout the course.</p> <p>To gain the award of the course, the learner must pass the course assessment. The course assessment will consist of two components: Component 1 – question paper (Non-calculator), Component 2 – question paper (Calculator). These papers will be set and marked by SQA. Course assessment will provide the basis for grading in the course award.</p>
What the future can bring	

Course title	Art and Design
Course level	Level 5: National 5
Entry recommendations	Working towards a National 5 English
What the course involves	<p>The course has three components – two practical and one written critical.</p> <p>The course provides a broad, investigative, and practical experience of art and design. Learners will develop a knowledge of art and design practices by studying artists and designers and their work. They also develop an understanding of expressive and design processes through working on their portfolios. Learners are encouraged to be creative, independent thinkers and to be confident in exploring new medias and techniques as they produce work for their folios.</p>
Assessment	<p>Expressive portfolio is worth 100 marks</p> <p>Design portfolio is worth 100 marks</p> <p>Critical written exam is worth 50 marks</p> <p>Both practical portfolios are sent to the SQA for external assessment. The written exam takes place in May during the SQA exam diet.</p>
What the future can bring	Progression on to Higher level certificate in Art and Design or Higher Photography

Course title	Ealain agus Deilbh (Art and Design through the medium of Gaelic)
Course level	Level 5: National 5
Entry recommendations	BGE Gàidhlig working towards National 5 Gàidhlig
What the course involves	<p>This course will be delivered through the medium of Gaelic.</p> <p>The course has three components – two practical and one written critical.</p> <p>The course provides a broad, investigative, and practical experience of art and design. Learners will develop a knowledge of art and design practices by studying artists and designers and their work. They also develop an understanding of expressive and design processes through working on their portfolios. Learners are encouraged to be creative, independent thinkers and to be confident in exploring new medias and techniques as they produce work for their folios.</p>
Assessment	<p>Expressive portfolio is worth 100 marks</p> <p>Design portfolio is worth 100 marks</p> <p>Critical written exam is worth 50 marks</p> <p>Both practical portfolios are sent to the SQA for external assessment. The written exam takes place in May during the SQA exam diet.</p>
What the future can bring	Progression on to Higher level certificate in Art and Design or Higher Photography

Course title	Business Management
Course level	Level 5: National 5
Entry recommendations	National 4 Business Management or National 5 C or above in Modern Studies, English, History or equivalent
What the course involves	This goes more into depth than what you will have covered in first to third year. You will learn about marketing and how businesses advertise to target specific people, finance and how businesses calculate their profits. Operations which based on how the business operates, the employees and HR so you can answer real life key study questions and then another section on general questions
Pupil Voice	You look at how businesses work through the understanding the business unit, then you go onto marketing, finance and operations. You use real life examples to understand business decisions. You do an assignment where you choose a company and analyse all the external factors that impacts them or their marketing strategies/decisions.
Assessment	<p>There is an exam paper which is worth 90 marks.</p> <p>There is an assignment to be completed in class which is timed and worth 30 marks. This assignment is based around a report on a particular business (pupil choice). There are many documents to help with the completion of this but it is an independent report with some support from class teacher.</p>
What the future can bring	<p>The course is suitable for candidates who are interested in entering the world of business, as a manager, employee or self-employed person, and exploring the activities of different types of business.</p> <p>Some candidates go onto study Higher Business Management in S6, or related courses at college or university of which there are many options.</p>

Course title	Dance
Course level	Level 5: National 5
Entry recommendations	A keen interest in Dance performance and a commitment to improving practical performance. Previous experience of practical Dance outside of school would be advantageous but not essential.
What the course involves	<p>The purpose of the National 5 Dance course is to enable candidates to develop a range of dance and choreographic skills. Candidates develop and reflect on technical and creative skills through practical learning. They gain an understanding of the origins of dance and the impact of theatre arts.</p> <p>The course aims to enable candidates to:</p> <ul style="list-style-type: none"> • demonstrate and apply knowledge and understanding of dance • develop a range of technical dance skills • develop performance skills to enhance performance • develop knowledge, understanding and appreciation of dance practice • understand and apply knowledge of a range of choreographic skills to create a dance • evaluate their own work and the work of others • work imaginatively and demonstrate creativity • co-operate, support and work with others • consider how theatre arts can enhance a performance • apply the principles of safe dance practice
Assessment	<p>The course assessment has three components.</p> <p>The question paper has 30 marks and is 20% of the overall course award.</p> <p>The practical activity (assess the creation and presentation of choreography for two dancers) has 65 marks and is 45% of the overall course award.</p> <p>The performance (solo performance in one dance style) has 35 marks and is 35% of the overall course award.</p>
What the future can bring	Higher Dance

Course title	Drama
Course level	SCQF Level 5
Entry recommendations	Completion of N4 Drama or at discretion of Principal Teacher
What the course involves	60% Practical Acting (or Production role, Set, Sound, Costume, Make Up, Lighting) Presentation in front of SQA Visiting Assessor plus Preparation for Performance. 40% Written Paper
Assessment	SQA Visiting Assessor (Acting and Production) SQA Externally assessed (Written Paper)
What the future can bring	Progression to Higher Drama, NC Acting and Theatre Performance SCQF Level 6 and NPA Acting and Performance SQF Level 6

Course title	Design and Manufacture
Course level	Level 5: National 5
Entry recommendations	<p>Technical – Pupils should have strengths in all aspects of the technical course with a particular interest in Graphics and Design. This course is NOT aimed at pupils who are keen to spend the majority of their time in the workshop as the main focus is the design element.</p> <p>Maths – Basic numeracy skills are required in order to understand and create technical drawings</p> <p>English – Basic literacy skills are required in order to answer written questions and provide notes/annotations to justify design choices</p> <p>Art – Drawing and sketching are key to completing folio work effectively. Pupils should have an interest in drawing to aid in their designs.</p>
What the course involves	<p>This course is aimed at people who enjoy being creative and coming up with interesting solutions to problems. They should be able to express their ideas through drawing and justifying design choices through a knowledge of materials and manufacturing techniques. Pupils will be expected to produce models of their designs in the workshop, but the primary focus of the course is Design.</p>
Assessment	<p>Three areas of:</p> <p>Design folio—45 marks - Externally marked</p> <p>Practical model—55 marks - internally marked</p> <p>Exam paper—80 marks - Externally marked</p>
What the future can bring	Higher Design and Manufacture

Course title	Drama
Course level	Level 5: National 5
Entry recommendations	Entry at discretion of Centre.
What the course involves	60% Practical Acting (or Production role, Set, Sound, Costume, Make Up, Lighting) Presentation in front of SQA Visiting Assessor plus Preparation for Performance. 40% Written Paper
Assessment	SQA Visiting Assessor (Acting and Production) SQA Externally assessed (Written Paper)
What the future can bring	<p>Progression to Higher Drama, NC Acting and Theatre Performance SCQF Level 6 and NPA Acting and Performance SQF Level 6</p> <p>Skills useful for many job opportunities, not excluded to the Creative Industries. Skills developed include effective self-expression, skills in group work, presentation skills, practical application of imaginative skills, reflective skills. Helps develop confidence, in addition to development of acting and performance skills. Production skills etc.</p>

Course title	English
Course level	Level 5: National 5
Entry recommenda-	National 4 English
What the course involves	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.
Assessment (pupil voice)	The exam consists of a reading paper where you answer questions on the text in front of you to test your understanding, analysis and evaluation skills. Then, a Scottish Text where you learn 6 poems and analyse them, in the exam you will answer questions on one of them. However, the last question links to the other 5 as well. In class, you will study a text and write an essay on it, giving the you the knowledge to do this in the exam under timed conditions. You also have an assignment which is a piece of writing you will do through the year on an area of your choosing.
What the future can bring	Pupils who successfully achieve National 5 English may progress to Higher English or Level 6 Journalism.

Course title	French/German/Spanish
Course level	Level 5: National 5
Entry recommendations	Pupils should have a pass at Level 3 or 4 in Modern Language in Life and Work (completed in S3) or Pupils should have a pass at National 4 French/German/Spanish (if done in S4)
What the course involves	<p>Building on the four capacities, the Course enables learners to communicate, be critical thinkers, develop cultural awareness and be creative.</p> <p>The Course offers learners opportunities to develop and extend a wide range of skills. In particular, the Course aims to enable learners to develop the ability to:</p> <ul style="list-style-type: none"> • listen and talk, read and write in a modern language • understand and use a modern language in context • plan and research, integrating and applying language skills
Assessment	<p>The course assessment consists of an exam:</p> <ul style="list-style-type: none"> • Component 1: Question Paper Reading (30 marks) • Component 2: Question Paper Writing (20 Marks) • Component 3: Question Paper Listening (20 marks) <p>And course assessment, prepared during the year:</p> <ul style="list-style-type: none"> • Component 4: Assignment Writing (20 marks) • Component 4: Performance–Talking (30 marks)
What the future can bring	<p>Higher French/German/Spanish</p> <p>Linguists are known for their communication skills which are highly sought after in many businesses and industries. Languages lead to a wide range of careers including:</p> <ul style="list-style-type: none"> • Journalism & Broadcasting • Publishing • Civil & Diplomatic Service • Air Cabin Crew/Pilot • Travel & Tourism • Banking & Finance • International Business • International Law • Advertising • Marketing & PR • Human Resources • Teaching • Translation & Interpretation • Policy & Research • Health – International Agencies, such as ‘Médecins sans Frontières’ (MSF)

Course title	National 5 Gaelic (Learners)
Course level	Level 5: National 5
Entry recommendations	BGE Gaelic (Learners)
What the course involves	<p>Thanks to our 1+2 model in our associated primaries and robust BGE curriculum, you will continue to build on an established foundation. Through studying a language you develop an international outlook, problem solving, critical thinking and communication skills among others.</p> <p>With the opportunity to develop a range of skills there will be a variety of experiences within the course. You will also further develop your knowledge and understanding of Gaelic cultural heritage and the cultural heritage of others and cover the contexts of society, learning, employability and culture.</p> <p>The course provide you with opportunities to develop your reading, listening, talking and writing skills to help you understand and use Gaelic.</p>
Assessment	<p>The course consists of five components,</p> <ul style="list-style-type: none"> • Reading • Writing • Listening • Talking • Assignment (Writing) <p>Reading, Writing and Listening are assessed in the final SQA examination whilst the Assignment (Writing) and Talking are completed within the class and submitted to SQA.</p>
What the future can bring	National 5 Gaelic (Learners) feeds directly into the Higher Gaelic (Learners) course, as well as preparing you for further education and the world of work. You will develop your fluency and gain confidence in your use of the language.

Course title	National 5 Gàidhlig
Course level	Level 5: National 5
Entry recommendations	Fluency in Gaelic having followed the Gàidhlig BGE Curriculum.
What the course involves	<p>Gaining a qualification in Gàidhlig is a recognition of your fluency in the language and demonstrates that you are able to use the language confidently and independently. You will develop your skills in talking, reading, listening and writing which will not only open many post-school employment opportunities, but will also allow you to deepen your knowledge of the Gaelic language.</p> <p>With the opportunity to develop a range of skills there will be a variety of experiences within the course. You will read a range of texts and further your knowledge of analysing and evaluating these. You will create texts and you will spend time developing your listening skills, whilst speaking a high level of Gaelic. You will also further develop your knowledge and understanding of Gaelic cultural heritage and the cultural heritage of others.</p>
Assessment (pupil voice)	In the exam you will do an essay based on a poem or short story and explain why the writer was successful, why we feel strong emotions for them or something similar. You will learn how to read a text and answer analysis questions on it, as well as listening and answering questions in timed conditions. You will also do a speaking assignment on a subject of your choice with your teacher. You also need to do an assignment of either a personal piece of writing or a discursive piece on an area of your choosing.
What the future can bring	National 5 Gàidhlig feeds directly into the Higher Gàidhlig course, as well as preparing you for further education and the world of work. You will develop your fluency and gain confidence in your use of the language.

Course title	Graphic Communication
Course level	Level 5: National 5
Entry recommendations	Pupils should have achieved National 4 Graphic Communication or equivalent qualifications and/or experience prior to starting this course.
What the course involves	<p>This course will allow pupils to improve their skills in computer graphics by using various software such as Autodesk Inventor, Photoshop, Serif DrawPlus and Affinity.</p> <p>The course will also allow pupils to develop their manual skills in Technical Drawing using the boards, Sketching and Rendering.</p> <p>There will be a good amount of theory that will be covered within each section studied over the course of the year to allow pupils to work towards the final N5 exam which is one of the two course assessment components.</p> <p>The other is a final assignment which has 40 marks which SQA set and you only have 8 hours to complete.</p>
Assessment	<p>Assignment - 40 marks</p> <p>Exam - 80 marks</p>
What the future can bring	<p>Higher Graphic Communication</p> <p>NC Graphic Design</p>

Course title	Maths
Course level	Level 5: National 5
Entry recommendations	For entry to National 5 Mathematics learners should have achieved National 4 Mathematics or National 5 Applications of Mathematics
What the course involves (pupil voice)	You will cover multiple topics, including algebra, trigonometry and statistics so you can answer the calculator and non-calculator exam papers.
Assessment	Pupils will be continually assessed throughout the course. To gain the award of the course, the learner must pass the course assessment. The course assessment will consist of two components: Component 1 – question paper (Non-calculator), Component 2 – question paper (Calculator). These papers will be set and marked by SQA. Course assessment will provide the basis for grading in the course award.
What the future can bring	

Course title	Media
Course level	Level 4: National 4 or Level 5: National 5
Entry recommendations	National 4 or National 5 English
What the course involves	This course is for learners who are interested in film, television, advertising, the press and/or other media and creating their own media content. It combines theory with practice. The course is designed to help pupils develop and extend a wide range of skills including communication, independent learning, critical literacy, personal and interpersonal working, and creative thinking.
Assessment	National 4 Media is internally assessed throughout the year. National 5 Media is assessed via an SQA exam and an assignment in which candidates plan and develop media content.
What the future can bring	Pupils who sit National 4 Media may progress to National 5 Media the following year. Pupils who sit National 5 Media may wish to consider National 5 English or Level 6 Journalism.

Course title	Music
Course level	Level 4: National 4 or Level 5: National 5
Entry recommendations	None
What the course involves	<p>Performance: Pupils develop their skills on two instruments at grade 3. A minimum of 2 minutes is required on one instrument. Total programme length over two instruments is eight minutes.</p> <p>Understanding Music: Pupils learn music concepts (like a musical dictionary) and identify what they're listening to. This is mainly multiple choice in a paper. This exam takes place during the exam period for all other subjects. i.e. April / May.</p> <p>Composition: Pupils make up their own music with assistance and write a short reflection on how they composed this music. This element is worth 15%.</p>
Assessment	<p>Performance: Pupils perform on two instruments for a total of eight minutes to an external examiner in late February / early March. This is worth 50% of the overall course award.</p> <p>Understanding Music: An external listening paper worth 35% of the course award. This exam is usually in late April.</p> <p>Composition: Folio submitted to SQA which includes composition & reflection. This element is worth 15%.</p>
What the future can bring	<p>Music teacher, session musician, music therapist, booking agent, composer, DJ, <u>event manager</u>, instrument technician, live <u>sound technician</u>, music PR, musical director, <u>musician</u>, <u>private music teacher</u>, <u>radio producer</u>, songwriter, <u>sound engineer</u>, tour manager.</p>

Course title	Music Technology
Course level	Level 4: National 4 or Level 5: National 5
Entry recommendations	None
What the course involves	<p>In this subject you will develop skills in the following areas:</p> <ul style="list-style-type: none"> • Music Technology Skills: In this unit, you will learn how to use Music technology software as well as learning how to use sound effects. You will also learn how to use microphones and how to capture audio. • Understanding 20th and 21st Century Music: You learn about modern music styles (Punk, Hip Hop, Rock, Electronica etc). • Music Technology in Context: You will use your music technology skills to create two projects. These can be any of the following: a live performance, a radio broadcast, a soundtrack for film/TV, an audio book or a sound design for computer gaming.
Assessment	<ul style="list-style-type: none"> • 70% of final grade – A folio consisting of two projects. • 30% of final grade – A listening paper.
What the future can bring	<ul style="list-style-type: none"> • Music Producer. • Sound designer for games/films/media. • BBC Sound Engineer. • Studio Engineer. • Live Sound Engineer. • Mastering Engineer. • Radio Broadcast Engineer. • Music Editor. • Sound Designer. • Music Business Venture.

Course title	Physical Education
Course level	Level 5: National 5
Entry recommendations	Pupils should have an interest in sport and improving their performance. Pupils must have taken part in all activities in S1/S2 programme.
What the course involves	<p>The course aims to enable learners to:</p> <ul style="list-style-type: none"> • Gain an understanding of the mental, emotional, social and physical factors that impact on performance. This will be developed in both a practical setting and through classroom-based learning. • Develop practical performance and skills in a wide range of activities e.g. gymnastics, trampolining, netball, football, badminton, volleyball, handball, fitness and cross country. • Develop knowledge which will allow pupils to analyse, evaluate and improve their own performance. <p>Pupils must participate in all the course activities.</p>
Pupil Voice	You do different sports like netball, volleyball, football or trampolining. You improve your skills and have a blast! There is a written side where you learn the factors that impact on your performance and evaluate different tests like the bleep test. You use all this to make a portfolio that is worth half of your grade. The other half is from performance where you specialise in 2 sports and get marks on how you perform in these.
Assessment	<p>Throughout the course, pupils will be assessed in a range of individual, team and aesthetic activities.</p> <p>The final performance component will assess the pupils' ability to effectively perform in two different physical activities, each performance will be marked out of 30. This is 50% of the overall marks for the course assessment.</p>
What the future can bring	Higher PE

Course title	Practical Cookery
Course level	Level 5: National 5
Entry recommendations	Full participation in the S1/S2 Home Economics course.
What the course involves	<p>The course aims to enable learners to:</p> <ul style="list-style-type: none"> • Use a range of cookery skills, food preparation techniques and cookery processes. • Develop an understanding of ingredients and their uses and an awareness of responsible sourcing and of their sustainability • Develop an awareness of current dietary advice relating to the use of ingredients on health & wellbeing. • Select and use ingredients to produce and garnish or decorate dishes. • Plan and produce meals and present them appropriately. • Develop an understanding of the importance of food safety & hygiene and work safely and hygienically.
Assessment	<p>The course assessment has 3 components:</p> <p>Question paper: (1 hour) 30 marks</p> <p>Assignment: 1 hour 45 minutes</p> <p>Practical Activity (plan, prepare, present 3 course meal): 2 hours 30 minutes</p>
What the future can bring	<p>Other qualifications in hospitality or related areas.</p> <p>Further study, employment or training.</p>

Course title	Practical Electronics
Course level	Level 5: National 5
Entry recommendations	N4 Maths (minimum) N4 Physics (optional)
What the course involves	Learning about electronic components and circuits . The Practical Electronics course provides a broad practical introduction to electronics. The course encourages candidates to become responsible and creative in their use of technologies. Pupils are involved in designing , simulating and constructing circuits (lots of soldering!)
Assessment	Assignment is 70% of final mark (This involves designing and building a circuit). Written SQA exam is 30% of final mark
What the future can bring	NPA Level 6 Scientific technologies NC courses (college) Practical electronics is a great course to do if you want to be an electrician ,mechanic, electrical engineer or involved music technology. The skills gained are useful in many different careers.

Course title	Psychology
Course level	Level 5: National 5
Entry recommendations	N5 pass in another social subject and/or English. Some experience of maths/biology would also be beneficial.
What the course involves	<p>A former N5 Psychology pupil:</p> <p><i>"The course an extremely interesting look into why we do what we do and our behaviour. It goes in depth explaining how we act in our society through the conformity topic. We then learn about sleep and dreams which is immensely interesting and relevant to our everyday life.</i></p> <p><i>I took this course because I have always been fascinated with humans and how our minds work, and it has been so valuable for me to learn more about these things. "</i></p>
Assessment	<p>The course covers the following topics:</p> <ul style="list-style-type: none"> • Research Methods • Social Behaviour • Conformity • NVC (Non-Verbal Communication) • Individual Behaviour • Sleep and Dreams • Phobias <p>The course is assessed as follows:</p> <ul style="list-style-type: none"> • Final exam - 70% of overall grade. • Coursework - 30% of overall grade.
What the future can bring	<p>Higher Psychology</p> <p>Psychology is a versatile subject that can lead to careers in the health sector, social work, counselling, education, law, police, research, recruitment and HR , advertising and marketing, charity work and not-for-profit organisations... and more!</p>

Level 5 Choices

Criminology

Energy

Health Sector

Laboratory Science

Modern Language for Learning, Life and
Work: French/German/Spanish

Mental Health and Wellbeing

Travel and Tourism

Course title	Criminology
Course level	Level 5
Entry recommendations	National 4 in any Social Subject and/or National 4 in English
What the course involves	<p>The course covers three units:</p> <p>Crime in the Community – this unit looks at the different categories of crime and how the media report it. The unit examines the rates of crimes within North Lanarkshire and Glasgow. And examines how society tackles crime, for example, alternatives to custody and prison.</p> <p>Crime Scenes – this unit looks at the importance of securing a crime scene and the role of the First Attending Officer. It examines the different types of evidence that needs to be secured at a crime scene.</p> <p>The History and Development of Criminology – this unit looks at how criminology emerged as an area of study in social sciences starting with issues like witchcraft and demonology. The unit then moves onto examine how criminology influenced how society understands crime and punishment, for example, the development of prisons, the biological, the psychological and sociological understanding of crime.</p>
Assessment	The unit is assessed through a combination of open book and closed book assessments.
What the future can bring	This course can open many doors, for example, if you are interested in a career with the police or the prison service. It is also useful if you are interested in studying the social sciences.

Course title	N5 Energy
Course level	Level 5: Skills for work
Entry recommendations	N4 pass in any Science or at the discretion of the department
What the course involves	<p>Skills for Work courses focus on generic employability skills needed for the workplace. The courses offer learners opportunities to learn these skills through practical experiences that are linked to vocational areas.</p> <p>Learners explore the various UK-based energy industries and develop practical skills by building a small-scale solar hot water system and wind turbine. They also develop their employability skills and review their strengths and weaknesses — which are then used to help suggest the most appropriate career for them within the energy sector.</p> <p>There are five units:</p> <ul style="list-style-type: none"> Energy: An introduction. Domestic wind turbine systems Domestic solar hot water systems. Employability and careers. Energy and the individual. <p>There is an opportunity for students to specialise in one subject area such as analysing their own carbon footprint, or developing a deeper knowledge of oil and gas production in the North Sea, or learning more about the conventional energy generation systems used in the UK</p>
Assessment	<p>There is no external assessment.</p> <p>Assessment is based on evidence throughout each Unit. Candidates perform a range of practical activities supported by assessor observation checklists. Candidates provide written and/or oral evidence by completing folios and taking part in case study scenarios. Candidates will also carry out self-review and evaluation of their progress in employability skills. Candidates must successfully complete all of the Units to obtain the full course award.</p>

Course title	<h1>N5 Health Sector</h1> <p>(includes integrated Level 6 Award in First Aid including CPR)</p>
Course level	Level 5 Skills For Work
Entry recommendations	<p>N4 Science .</p> <p>An interest in finding out about working in the healthcare sector</p>
What the course involves	<p>Learners develop employability skills and knowledge about the health sector. The course includes case studies, simulated workplace settings, individual research and other practical skills. The core skills covered by the course are communication, numeracy, problem solving and working with others. The course is especially relevant to people who are interested in working in the Healthcare sector or are interested in human biology and medicine.</p> <p>The course consists of four Units</p> <ol style="list-style-type: none"> 1. Working in the Health Sector 2. Life Sciences Industry and the Health Sector 3. Improving Health and Wellbeing 4. Physiology of the Cardiovascular System
Assessment	<p>There is no external assessment. Assessment is based on evidence gathered throughout each unit. The necessary skills and attitudes being developed in this Course are assessed using research projects and presentations, demonstrations of skills (e.g. interviews), reflections and open book assessments. An important element in the assessment process will be the ability of the candidate to review their own progress and development throughout the Course. Candidates must successfully complete all units to obtain the full course award.</p>
What the future can bring	<p>Successful learners may progress to :</p> <p>Level 6 National Progression Award in Scientific Technologies</p> <p>National Certificate programme in further education- Social services and Health care</p> <p>Training / Employment</p>

Course title	N5 Laboratory Science
Course level	Level 5: Skills for Work
Entry recommendations	N4 Pass in any science or at the discretion of the department
What the course involves	<p>The National 5 Laboratory Science Skills Course introduces learners to the knowledge and skills required for employment or further study in the industries and services using laboratory science. It also develops awareness of the range of employment opportunities within the sector.</p> <p>Learners explore the various UK-based industries and develop practical skills. They also develop their employability skills and review their strengths and weaknesses — which are then used to help suggest the most appropriate career for them within, among others, the science, pharmaceutical, water, energy and food sectors.</p> <p>The course consists of four units :</p> <ul style="list-style-type: none"> Careers using Laboratory Science Working in a Laboratory Practical Skills Practical Investigation
Assessment	<p>There is no external assessment. Assessment is based on evidence gathered throughout each unit. The necessary skills and attitudes being developed in this Course are assessed through an involvement in a range of practical activities, although, there are also elements of knowledge and understanding which are important. An important element in the assessment process will be the ability of the candidate to review their own progress and development throughout the Course. Candidates must successfully complete all units to obtain the full course award.</p>
What the future can bring	<p>Successful learners may progress to :</p> <ul style="list-style-type: none"> Level 6 National Progression Award in Scientific Technologies (School) Level 6 National Progression award in Laboratory Science (College) A National Certificate programme in further education Training / Employment

Course title	Modern Language for Learning, Life and Work: French/German/Spanish
Course level	Level 5
Entry recommendations	Pupils should have a pass at Level 3 or 4 in Modern Language in Life and Work (completed in S3) or Pupils should have a pass at National 4 French/German/Spanish (if done in S4)
What the course involves	This course is very straightforward & ideal for those wanting to continue their language journey without the demands of a formal exam. The Award provides you with the opportunity to develop language skills in combination with leadership skills. You will develop your language skills which you can apply in life and work. You will gain a greater understanding of your own and other cultures by comparing aspects of life in different countries. The main purpose of this award is to study languages in practical and relevant contexts for life and work, and identify, develop and demonstrate leadership skills.
Assessment	There is no formal exam for MLLWA. Assessment of the four skills of Reading, Writing, Listening & Talking is done in class on an ongoing basis. The Level 5 Award is a pass/fail and learners are supported throughout by their teachers.
What the future can bring	<p>Higher French/German/Spanish</p> <p>Linguists are known for their communication skills which are highly sought after in many businesses and industries. Languages lead to a wide range of careers including:</p> <ul style="list-style-type: none"> • Journalism & Broadcasting • Publishing • Civil & Diplomatic Service • Air Cabin Crew/Pilot • Travel & Tourism • Banking & Finance • International Business • International Law • Advertising • Marketing & PR • Human Resources • Teaching • Translation & Interpretation • Policy & Research • Health – International Agencies, such as 'Médecins sans Frontières' (MSF)

Course title	Mental Health and Wellbeing Award
Course level	Level 5
Entry recommendations	N4 pass in English. N4 pass in a social subject/biology also beneficial.
What the course involves	<p>The course consists of three units:</p> <ul style="list-style-type: none"> • Understanding Mental Health Issues • Influences on Mental Health and Wellbeing • Coping Strategies and Building Resilience <p>The award aims to:</p> <ul style="list-style-type: none"> • reduce stigma surrounding mental health • arm young people with healthy coping strategies • promote knowledge of the impact of mental health on behaviour • dispel myths surrounding mental health • promote understanding of positive and negative impacts on mental health • help individuals to make the right choices • promote understanding of the potential uses and impact of social media and the internet • create resilience
Assessment	Continuous assessment throughout the year. A mixture of open-book and closed-book assessments.
What the future can bring	<p>The level 5 award could provide progression to:</p> <ul style="list-style-type: none"> • SCQF level 6 / QCF level 3 qualifications • an NC in Health and Social Care • an SVQ 2/Modern Apprenticeship in Social Services and Healthcare • employment in the care sector <p>These Awards provide opportunities to develop:</p> <ul style="list-style-type: none"> • Core Skills (which underpin all National Certificates) • transferable skills

Course title	Travel and Tourism
Course level	Level 5
Entry recommendations	N4 in Travel and Tourism or other N4's. Some experience with IT and Geography can be helpful.
What the course involves	<p>You will be researching destinations within Scotland, UK and beyond and recommending relevant attractions within each. You will also be creating holiday itineraries for customers, keeping up to date with what is trending in travel as well as the impacts that tourism has in popular areas!</p> <p>This course also encourages you to consider how employable you are, what skills do you have and how these compare to the careers in the Travel and Tourism industry and beyond. Lastly, it considers the key aspects of customer service and complaints handling.</p>
Assessment	<p>This is assessed throughout the year (all course work based) and there is no final exam. There are 4 units; Scotland, UK and Worldwide, Employability and Customer Service. Within each unit there are individual tasks (outcomes) to be completed in class on laptops.</p>
What the future can bring	<p>This course provides you with excellent research, IT skills and employability skills that are a must in any career. You will be working quite independently so this course prepares you well for going on to college or the world of work where the responsibility is placed on you.</p>

Higher Choices

2024-2025

Accounting
Administration and IT
Art and Design
Biology
Business Management
Chemistry
Computing Science
Dance
Design and Manufacture
Drama
English
Economics
French/German/Spanish
Geography
Graphic Communication
Gaelic Learners
Gàidhlig
History
Maths
Modern Studies
Music
Music Technology
Philosophy
Photography
Physical Education
Physics
Politics
Psychology
RMPS

Course title	Accounting
Course level	Level 6: Higher
Entry recommendations	Nat 5 Administration & IT A-C Nat 5 Business Management A-C Any pupil considering crashing should have Nat 5 Maths A-B or above
What the course involves (Pupil Voice)	In this course, you'll develop your mathematical skills and learn to solve complex problems. You'll explore topics such as algebra, calculus, trigonometry, geometry, and learn real-life applications of your skills. You will develop vital problem-solving skills and understand the importance of mathematics in our world.
Assessment	Assignment (70 marks) – this covers all of the practical ICT work done over the session. It is a 2 hours paper done using ICT. Question paper (50 marks) – consists of one case study relating to one area of working practice, followed by a series of other questions covering the course.
What the future can bring	Accountancy Skills are required for a range of careers and jobs, not just being an Accountant. Many small businesses would benefit from someone who is good at accountancy and the skills that you develop through this course will benefit you in future life.

Course title	Administration & IT
Course level	Level 6: Higher
Entry recommendations	Nat 5 Administration & IT A-C Any pupil considering crashing should have Nat 5 Maths C or above
What the course involves (Pupil Voice)	In this course, you'll develop your ICT skills and your understanding of an office workplace. Pupils learn advanced features of Microsoft 365 applications such as Word, Excel, Access (Databases), PowerPoint, and Outlook. Pupils also deepen their knowledge of the administrative workplace, covering topics such as Customer Care, Communication & Research, Time & Task Management, and event organisation.
Assessment	Assignment (70 marks) – this covers all of the practical ICT work done over the session. It is a 2 hours paper done using ICT. Question paper (50 marks) – consists of one case study relating to one area of working practice, followed by a series of other questions covering the course.
What the future can bring	Good IT skills are essential in the majority of jobs and completing the course gives students experience in some of the more advanced functions of the software. Having even a basic understanding of workplace legislation and customer services will be of great use whether students go straight into the workplace or undertake further study, regardless of the course.

Course title	Art and Design
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Art and Design
What the course involves	<p>The Higher art and design course comprises two practical folios (expressive art and design) – each worth 100 marks, as well as a written exam, which is 2-hours long and worth 60 marks. The folios are externally assessed and pupils should submit their best work - typically, each folio is mounted across three A2-sized sheets. Students choose a theme for their expressive art folio and a genre e.g. ‘reflections’ for still life, and create artwork using different materials e.g. coloured pencil, chalk pastels, watercolours paints and acrylic paints. Methods include drawing, painting, printmaking, and ceramics. For the design folio, students select an area of design and invent a design brief with a problem to solve e.g. graphic design and a travel poster to advertise a travel destination, and create original design ideas, developing these further and creating a solution. Design projects can be 2D or 3D and involve working with different materials, such as pens, pencils, paints, embossed metal, papier mache, handmade felt, and clay. Methods include drawing, painting, ICT, print-making, textile techniques, embossing, feltmaking, and ceramics. Pupils complete short written evaluations for both practical projects, and the written exam paper is a booklet with a choice of questions that relate to different expressive art and design areas.</p>
Assessment	<p>Design folio</p> <p>Expressive Folio</p> <p>Exam</p>
What the future can bring	<p>illustrator, artist, graphic designer, story board designer for TV, film or gaming, animator, fashion designer, jewellery designer, tattoo artist, product designer, architect, landscape artist, sculptor, art therapist, milliner, stone mason, art historian, interior designer, and an art or design lecturer or teacher.</p>

Course title	Biology
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Biology Learners without N5 Biology should have proven success in another science course at N5 . Please discuss with the PT Science .
What the course involves	<p>The Higher qualification in Biology give learners an understanding of cell biology, genetics and growth. It covers major concepts that make biology an important area of investigative science. The course gives an understanding of the way in which biological principles can be applied to the modern world. The skills of scientific inquiry and investigation are developed, throughout the Course, by investigating the applications of biology.</p> <p>The Course allows learners to develop deeper understanding of the underlying themes of biology: evolution and adaptation; structure and function; genotype and niche.</p> <p>The course is made up from three units:</p> <ul style="list-style-type: none"> • DNA and the genome • Metabolism and survival • Sustainability and interdependence
Assessment	<p>Course assessment structure: Written exam. and an assignment</p> <p>The course is assessed by a written examination, set and marked by the SQA. The question paper has two sections. Section 1 contains multiple-choice questions and has 25 marks. Section 2 contains structured and extended-response questions and has 95 marks. This is 80% of the total marks for the course assessment.</p> <p>The assignment assesses the application of skills of scientific inquiry and related biology knowledge and understanding. It allows assessment of skills that cannot be assessed by a question paper; for example, handling and processing data gathered through experimental work and research skills.</p> <p>The assignment is worth 20% of the total exam mark.</p>
What the future can bring	<p>Learners who achieve a Pass at Higher could progress to Advanced Higher Biology .</p> <p>Higher Biology is also required for entry to a number of Further and Higher education courses.</p> <p>Further study, employment and/or training</p>

Course title	Business Management										
Course level	Level 6: Higher										
Entry recommendations	Nat 5 A-C in Business Management or C or above in Modern Studies, English, History or equivalent										
What the course involves	<p>Business Management Higher looks at 5 units. Understanding Business. Management of People, Management of Finance, Management of Operations and Management of Marketing.</p> <p>Within these units, pupils will develop enterprise skills and attributes. They see the ways that society relies on businesses and how external influences can affect them. They will gain an understanding as to how each department in a company is run and managed.</p> <p>Pupils will develop enterprising skills and attributes. Conduct independent, or group research and investigations and complete tasks and case studies. They will analyse and interpret business information.</p>										
Assessment	<p>There is an exam paper which is worth 90 marks.</p> <table border="1"> <tr> <th>component</th><th>Marks</th><th>duration</th></tr> <tr> <td>Component 1—question paper</td><td>90</td><td>2hrs 45</td></tr> <tr> <td>Component 2—assignment</td><td>30</td><td>8 hours</td></tr> </table> <p>There is an assignment to be completed in class which is timed and worth 30 marks. This assignment is based around a report on a particular business (pupil choice). There are many documents to help with the completion of this but it is an independent report with some support from class teacher.</p>		component	Marks	duration	Component 1—question paper	90	2hrs 45	Component 2—assignment	30	8 hours
component	Marks	duration									
Component 1—question paper	90	2hrs 45									
Component 2—assignment	30	8 hours									
What the future can bring	<p>The course is suitable for candidates who are interested in entering the world of business, as a manager, employee or self-employed person, and exploring the activities of different types of business.</p> <p>Some candidates go onto study Business related courses at college or university of which there are many options.</p>										

Course title	Chemistry
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Chemistry and ideally Nat 5 Mathematics A-C
What the course involves	<p>The Course develops greater knowledge of bonding, structure and properties of the mole, and enables learners to acquire enhanced understanding of carbon compound reactions, nomenclature and structural formulae, and of polymers and natural products. They will also study Hess's Law, equilibrium, acids and bases, redox reactions, and chemistry of food.</p> <p>The course is made up from four units:</p> <ul style="list-style-type: none"> • Chemical changes and structure • Nature's chemistry • Chemistry in society • Researching chemistry
Pupil Voice	Expanding on National 5 knowledge, you will learn more about the 'why' questions in stead of just 'how' in topics such as atoms, bonding and energy changes. You will have a multiple choice paper and another paper separately. You will do more chemical reactions such as esters—where you will make fruity smells, or silver mirrors, looking at sudden colour changes.
Assessment	<p>External examination ,set and marked by SQA</p> <p>Paper 1 (40 mins) 25marks</p> <p>Paper 2 (2hrs 20 mins) – worth 95marks</p> <p>Assignment: The assignment assesses the application of skills of scientific inquiry and related chemistry knowledge and understanding. It is completed in class and marked by SQA .s The assignment has a total mark allocation of 20 marks. This is scaled to 30 marks by SQA to represent 20% of the overall marks for the course assessment.</p>
What the future can bring	<p>Learners who achieve a Pass at Higher could progress to Advanced Higher Chemistry .</p> <p>Higher Chemistry is also required for entry to a number of Further and Higher education science courses.</p> <p>Other qualifications in chemistry or related areas</p> <p>Further study, employment and/or training</p>

Course title	Computing Science							
Course level	Level 6: Higher							
Entry recommendations	Nat 5 A-C in Computing Science							
What the course involves (Pupil Voice)	<p>In this course, you'll learn more about how computers operate and what they can do. The course is split into three topics: Programming (using Python) develops pupils' logic, reasoning, and problem-solving skills. Studying databases teaches pupils how to analyse and manipulate large sets of data. Finally, the Computer Systems topic deepens pupils' understanding of data representation (binary) and the physical structure of computers.</p>							
Assessment	<p>The course assessment has two components:</p> <table border="1"> <tr> <td>Final exam (question paper)</td><td>80 marks</td><td>1.5hrs</td></tr> <tr> <td>Assignment</td><td>40 marks</td><td>6hrs (during class time)</td></tr> </table>		Final exam (question paper)	80 marks	1.5hrs	Assignment	40 marks	6hrs (during class time)
Final exam (question paper)	80 marks	1.5hrs						
Assignment	40 marks	6hrs (during class time)						
What the future can bring	<p>Computing Science is vital to everyday life. It shapes the world we live in and its future. Computing is embedded in the world around us, from systems and devices in our homes to our places of work.</p> <p>Studying Computing Science brings many benefits apart from learning about technology. You will learn valuable transferable work and life skills, such as being able to solve problems in a logical way, think creatively and handle information.</p> <p>Possible career paths:</p> <ul style="list-style-type: none"> • Web designer • App developer • Cyber security analyst • Database administrator • Games programmer • IT support engineer • Software engineer • Computing Science teacher 							

Course title	Dance
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Dance.
What the course involves	<p>The Higher course allows candidates to consolidate and extend their dance skills developed through the National 5 Dance course.</p> <p>Candidates learn how to use dance techniques and choreography creatively to enhance performance. They experiment with a range of dance styles and learn how to apply them to enhance their own performances and the performances of others. Candidates also explore the use of theatre arts in dance.</p> <p>Learners will develop their technical and choreographic skills; they will learn to analyse the work of dance practitioners and how to use this knowledge to inform and influence their own creative thinking and performance.</p> <p>There are two areas of study: Choreography and technical skills.</p> <p>Choreography: Learners explore choreographic principles to enhance their creativity and develop the skills and knowledge they need to plan and create a choreography for three or more dancers or a solo choreography.</p> <p>Technical skills: Learners explore a minimum of two contrasting dance styles through structured technique classes</p>
Assessment	<p>The course assessment has three components.</p> <p>Component 1: question paper - 2 hours (40 marks)</p> <p>Component 2: practical activity (Choreography 35 marks and Choreography Review 25 marks)</p> <p>Component 3: performance 2 solos – Jazz and Commercial (70 marks)</p>
What the future can bring	<p>HNC and HND Professional Dance Performance</p> <p>HNC and HND Dance Artists</p>

Course title	Higher Drama
Course level	SCQF Level 6
Entry recommendations	National 5 Drama (A or B) recommended. Entry at discretion of Centre
What the course involves	60% Practical Acting roles (or Production role ie Costume, Lighting, Set, Sound, Costume, etc) 40% Written Paper (includes two essay questions)
Assessment	SQA Visiting Assessor (Practical) Presentation in front of SQA Examiner SQA Externally assessed (Written Paper)
What the future can bring	Progression to Advanced Higher Drama, HNC Acting and Theatre Performance SCQF Level 7 , Drama School and many University courses not including Acting and Performance courses and the Creative Industries..

Course title	Design and Manufacture
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Design and Manufacture and/or Nat 5 A-C in Graphic Communication and/or Nat 5 A-C in Art and Design
What the course involves	<p>This course is broken into two areas really of design, materials and manufacturing. This is different to N5 where you are not in the workshop like N5 – you do a small amount in there creating models, which can be simple ones made out of card and done in the classroom but nothing like N5.</p> <p>Design is looking at factors that influence a product and how designers use these to help make their product successful within the market place. This has a lot of written work and design work of drawing and rendering and modelling.</p> <p>Materials and Manufacturing look into how a product is made in industry. This is all theory really, but shows how products are made and can be interesting.</p> <p>The Design Assignment is completed over a period of time and done in class only. SQA give you three briefs to choose from and you have to work through the design process and produce a folio.</p>
Assessment	<p>Design Assignment—90 marks</p> <p>Exam—80 marks</p>
What the future can bring	Product Design, Interior Design, product design engineering

Course title	English
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in English
What the course involves	Higher English 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. As a result, the skills that you develop in Higher English are useful in a wide range of careers. Your ability to use language lies at the centre of the development and expression of your emotions, thinking, learning and sense of personal identity.
Pupil Voice	In this course, you'll develop reading, writing, and analytical skills. You will continue to deepen your knowledge of poetry by Carol Ann Duffy, RUAE, and learn a new text for the critical essay section. You will deepen your ability to analyse structure, characterisation, and language to develop your understanding of the deeper meaning of a text.
Assessment	<p>The course is worth 100 marks in total. The breakdown is as follows:</p> <ul style="list-style-type: none"> • Reading for Understanding, Analysis and Evaluation (Exam): 30 marks • Critical Reading (Exam) 40 marks • Folio (Externally assessed coursework): 30 marks <p>Candidates must also undertake a Spoken Language assessment, which is internally assessed.</p>
What the future can bring	Pupils who successfully achieve an A or a B at Higher English may wish to consider pursuing Advanced Higher English.

Course title	Economics
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in English
What the course involves	<p>Course has 3 units:</p> <p>Economics of the Market</p> <p>UK Economics Activity</p> <p>Global Economics Activity</p> <p>These units cover a variety of different economic theories, looking at Demand and Supply – why do we buy what we buy at each price, Inflation – is it good or bad, Unemployment – what should our government be doing about it, and lots more.</p>
Assessment	<p>Assignment (30 marks) – 25% of the final grade. This is based on a topic of your own choosing which related to the economy eg What is the impact of rising interest rates on society? What is the last effect of COVID on the economy?</p> <p>Question paper (90 marks) – consists of 2 case studies, usually from a media article or a government report, followed by questions covering knowledge of the 3 units.</p>
What the future can bring	<p>Economics is a really useful course for anyone wanting to study Economics, Politics or Business at a further or higher education level.</p> <p>It gives a good understanding of the impact of money, decisions and outside influences on government decisions and society as a whole.</p>

Course title	French/German/Spanish
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C French/German/Spanish or Pupils should have a pass at Level 5 Modern Languages for Learning and Work.
What the course involves	<p>The Higher qualification in Modern Languages gives learners the opportunity to reach a stage where the language is used independently in confident and flexible ways. The course develops communicative competence to a level of some sophistication in a range of situations.</p> <p>Higher Modern Languages Courses enable learners to read, listen, talk and write in a modern language, and to understand and use a modern language. Learners also develop language skills of translation and apply knowledge and understanding of a modern language.</p>
Assessment	<p>The course assessment consists of an exam:</p> <ul style="list-style-type: none"> • Component 1&2: Question Paper Reading and Writing (50 marks) • Component 3: Question Paper Listening (20 Marks) <p>And course assessment, prepared during the year:</p> <ul style="list-style-type: none"> • Component 3: Assignment Writing (20 marks) • Component 4: Performance–Talking (30 marks)
What the future can bring	<p>Advanced Higher.</p> <p>Linguists are known for their communication skills which are highly sought after in many businesses and industries. Languages lead to a wide range of careers including:</p> <ul style="list-style-type: none"> • Journalism & Broadcasting • Publishing • Civil & Diplomatic Service • Air Cabin Crew/Pilot • Travel & Tourism • Banking & Finance • International Business • International Law • Advertising • Marketing & PR • Human Resources • Teaching • Translation & Interpretation • Policy & Research • Health – International Agencies, such as 'Médecins sans Frontières' (MSF)

Course title	Geography
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Geography
What the course involves	<p>Higher Geography is split into 3 sections :</p> <p>Physical Geography—focusing on the natural elements of Planet Earth. This area of Geography is scientific in nature and investigates the Atmosphere (air and weather), Lithosphere (coastal and glaciated landscapes), Hydrosphere (water and river systems) and Biosphere (living things).</p> <p>Human Geography—focusing on human civilisation and how we interact with our Planet and it's resources. This area is social in nature and investigates Urban (cities—Glasgow and Rio de Janeiro), Rural (countryside—deforestation in the Amazon and National Parks in the UK) and Population (impact of population change and migration).</p> <p>Global Issues—focusing on pressing world issues that affect people across the Planet. This area combines social and natural aspects of Geography and investigates Development and Health (economic development and how development affects health. Disease case study : Malaria), Climate Change (cause, effects and strategies to combat it) and Energy (demand for energy across the world, with case studies on renewable and non-renewable energy sources)</p> <p>Assignment : Outdoor fieldwork is a key component of Geography and we go on a fieldtrip to Glasgow's Inner City to investigate the effects of regeneration in 2 contrasting areas—The New Gorbals and Glasgow Harbour. Fieldwork includes questionnaires, environmental quality surveys, land use surveys, traffic/litter/pedestrian surveys, photography, observation notes.</p>
Assessment	The Assignment is worth 27% and the final exam is worth the remaining 73%.
What the future can bring	<p>Learners develop a wide range of sought after transferable skills throughout this course. Geographers are numerate, literate, able to read and interpret various maps, graphs and charts, have strong social, environmental and cultural awareness and an appreciation for nature. They are taught to think critically and analytically and can problem solve effectively. Geography can be studied at University either through the Batchelor of Science route or Batchelor of Arts and Social Science route. Many wide and varied career paths are open to Geographers - from careers that involve science such as meteorology and climatology (weather and climate change forecasting), volcanology and seismology (volcanic eruption and earthquake experts), zoology (studying animal habitat, health and behaviour) various types of engineering (geo, hydro, civil) and health professions to careers that involve travelling the World such as the travel and tourism industry, travel writing, working as a pilot or cabin crew, natural disaster management, aid worker and journalism – or working with society such as teaching, outdoor learning instructor, town planning and working in government to name just a few! There is a growing field in environmental conservation and climate change work that many Geographers find themselves in. The prospect of a wide and varied range of exciting jobs connected to Geography is a big draw for students into the Department.</p>

Course title	Graphic Communication
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Graphic Communication and/or Nat 5 A-C in Art and Design
What the course involves	<p>You will look into different ways you can communicate graphics to different people. You will learn different commands on Inventor to N5 and then expand on your skills to produce more complex objects. You will also learn more to do with Desk Top Publishing which deals with ways to advertise/market something. Architecture has been re-introduced and you will learn about the plans used, symbols used and create some drawings to scale. You will also learn new drawings on the boards as well to help with theory.</p> <p>The assessment is broken up into 2 parts of an assignment which you only get 8 hours for. This has three tasks of CAD/DTP and manual sketching and rendering. Then you have the exam itself. This is a mix of questions from across the course looking at how a product can be made on inventor, how an advertisement has been produced, pick a view question based on the board work and other areas covered too.</p>
Assessment	<p>Assignment - 8 hours to complete and 50 marks</p> <p>Exam - 80 marks</p>
What the future can bring	Graphic Designer, Web designer, app designer, engineer

Course title	Gaelic (Learners)
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Gaelic (Learners)
What the course involves	<p>The Higher Gaelic (Learners) course builds on the content covered with the National 5 Gaelic (Learners) course and aims to bring more breadth and depth to language learning, including a more detailed knowledge of vocabulary and grammar. Through studying a language you develop an international outlook, problem solving, critical thinking and communication skills among others.</p> <p>With the opportunity to develop a range of skills there will be a variety of experiences within the course. You will also further develop your knowledge and understanding of Gaelic cultural heritage and the cultural heritage of others and cover the contexts of society, learning, employability and culture.</p> <p>The course provide you with opportunities to develop your reading, listening, talking and writing skills to help you understand and use Gaelic.</p>
Assessment	<p>The course consists of five components,</p> <ul style="list-style-type: none"> • Reading • Writing • Listening • Talking • Assignment (Writing) <p>Reading, Writing and Listening are assessed in the final SQA examination whilst the Assignment (Writing) and Talking are completed within the class and submitted to SQA.</p>
What the future can bring	Higher Gaelic (Learners) feeds directly into the Advanced Higher Gaelic (Learners) course, as well as preparing you for further education and the world of work. You will develop your fluency and gain confidence in your use of the language.

Course title	Gàidhlig
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Gàidhlig
What the course involves	<p>Gaining a qualification in Gàidhlig is a recognition of your fluency in the language and demonstrates that you are able to use the language confidently and independently. You will develop your skills in talking, reading, listening and writing which will not only open many post-school employment opportunities, but will also allow you to deepen your knowledge of the Gaelic language.</p> <p>With the opportunity to develop a range of skills there will be a variety of experiences within the course. You will read a range of texts and further your knowledge of analysing and evaluating these. You will create texts and you will spend time developing your listening skills, whilst speaking a high level of Gaelic. You will also further develop your knowledge and understanding of Gaelic cultural heritage and the cultural heritage of others.</p>
Assessment	<p>The course consists of five components,</p> <ul style="list-style-type: none"> • Reading • Literature • Listening • Talking • Assignment (Writing) <p>Reading, Literature and Listening are assessed in the final SQA examination whilst the Assignment (Writing) and Talking are completed within the class and submitted to SQA.</p>
What the future can bring	<p>Higher Gàidhlig feeds directly into the Advanced Higher Gàidhlig course, as well as preparing you for the world of work. You will develop your fluency to the extent that you may wish to take on leadership roles within different clubs run through the medium of Gaelic within the school or community and work with partners such as Condorrat Primary School or Community Learning and Development.</p> <p>Success at Higher Gàidhlig level also prepares you for progression to further education, including courses at Sabhal Mòr Ostaig, University of Glasgow, University of Strathclyde, University of Edinburgh, University of Stirling and others.</p>

Course title	<h1>History</h1>
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in another Social Subject. National 5 English is not essential but beneficial due to level of literacy needed.
What the course involves	<p>Higher History has been an extremely popular course choice in Greenfaulds and has excellent pass rates. This is due to the hard work and commitment made by the pupils covering the following sections.</p> <p>The Higher History course is split in three sections:</p> <p><u>Paper 1</u> This will cover essays in the context of Britain— Woman's suffrage, Liberal Government Reforms 1906-1914, Motives for the Liberal Reforms and The Labour Reforms 1945-51. As well as essays covering Europe & the World— Changing attitudes towards immigration in the USA, Reasons for the economic crisis of 1929 in America, Reasons why Hitler & the Nazis came to power in 1933 and Reasons why the Nazis were able to stay in power 1933-1939.</p> <p><u>Paper 2 (Scottish Wars of Independence)</u> This section covers source skills. This will include four questions: How Much (10 marks), How Fully (10 marks), Evaluate the Use (8 marks) and Explain (8 marks). Building up prior knowledge gained at National 5 level, pupils will cover The Succession problem, Balliol and Edward's Relationship, William Wallace and Scottish Resistance and The rise and triumph of Robert Bruce.</p> <p>Through completing this course, pupils will have developed an understanding of the past and an ability to think independently about each historical event, developing their analysis of various interpretations of historical sources. They will develop their problem solving skills and have the ability to construct a clear argument.</p>
Assessment	<div> <p><u>Final Exam</u></p> <p>Paper 1—This question paper has a total mark allocation of 44 marks. This is 40% of the overall marks for the course assessment</p> <p>Paper 2—This question paper has a total mark allocation of 36 marks. This is 33% of the overall marks for the course assessment.</p> <p><u>Assignment</u></p> <p>The assignment has a total mark allocation of 30 marks. This is 27% of the overall marks for the course assessment. Pupils will have 90 minutes to complete a written assessment which they have independently researched.</p> </div>
What the future can bring	Teacher, Museum Curator, Librarian, Archaeologist, Journalist, Police, Lawyer, Civil Service, Archivists, National and Local Government and Solicitor

Course title	Mathematics
Course level	Level 6: Higher
Entry recommendations	For entry to Higher Mathematics learners should have achieved National 5 Mathematics, preferably at an A or B level
What the course involves	<p>Higher Mathematics has 3 units: Expressions and Functions, Relationships and Calculus and Applications</p> <ul style="list-style-type: none"> • Expressions and Functions - develops knowledge and skills that involve the manipulation of expressions, the use of vectors and the study of mathematical functions. • Relationships and Calculus - develop knowledge and skills that involve solving equations and introduces both differential calculus and integral calculus. • Applications - develops knowledge and skills that involve geometric applications, applications of sequences and applications of calculus.
Pupil Voice	In this course, you'll develop your mathematical skills and learn to solve complex problems. You'll explore topics such as algebra, calculus, trigonometry, geometry, and learn real-life applications of your skills. You will develop vital problem-solving skills and understand the importance of mathematics in our world.
Assessment	Pupils will be continually assessed throughout the course. To gain the award of the course, the learner must pass the course assessment. The course assessment will consist of two components: Component 1 – question paper (Non-calculator), Component 2 – question paper (Calculator). These papers will be set and marked by SQA. Course assessment will provide the basis for grading in the course award.
What the future can bring	

Course title	Modern Studies
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Modern Studies
What the course involves (Pupil Voice)	In this course, you'll learn about the world and the issues that affect society. The course is split into three units. Democracy in Scotland & the UK deepens pupils' knowledge of political issues in the UK and how the government works. The Social Inequalities topic explores the causes and impact of inequalities on groups in society. Pupils also study the world issue of global conflict and learn more about the causes and impact of war across the world. Finally, pupils complete an assignment on a topic of their choice, developing research and analytical skills.
Assessment	<p>The course assessment has 3 components:</p> <p>Assignment which is worth 30 marks and is completed in class under exam conditions and sent to SQA for marking.</p> <p>Paper 1 which is worth 52 marks and is part of the SQA exam pupils will sit in May.</p> <p>Paper 2 which is worth 28 marks and is part of the SQA exam pupils will sit in May.</p>
What the future can bring	This course is excellent in building transferable and valuable skills such as analysing, researching, evaluating, information handling and literacy. All of which are vital for further education at both university and college level, as well as when applying for wider work.

Course title	Higher Music
Course level	Higher
Entry recommendations	N5 is preferable, but not essential. Please speak to the PT if you are considering crashing this course.
What the course involves	<p>Performance: Pupils develop their skills on two instruments at grade 4 level. A minimum of four minutes is required on one instrument. Total programme length over two instruments is twelve minutes.</p> <p>Understanding Music: Pupils learn music concepts (like a musical dictionary) and identify what they're listening to. This exam takes place during the exam period for all other subjects. i.e. April / May.</p>
Assessment	<p>Performance: Pupils perform on two instruments for a total of twelve minutes to an external examiner late February / early March . This is worth 50% of the overall course award.</p> <p>Understanding Music: An external listening paper worth 35% of the course award.</p> <p>Composition: Folio submitted to SQA which includes composition & reflection. This element is worth 15%.</p>
What the future can bring	Music teacher, session musician, music therapist, booking agent, composer, DJ, event manager, instrument technician, live sound technician, music PR, musical director, musician, private music teacher, radio producer, songwriter, sound engineer, tour manager.

Course title	<h1>Higher Music Technology</h1>
Course level	Level 6: Higher
Entry recommendations	N5 Music Technology A-C (Please speak to Mr Sharpe or Miss Duncan if you are keen to sit Higher Music Tech but have not completed N5.)
What the course involves	<p>In this subject you will develop skills in the following areas:</p> <p>Music Technology Skills: In this unit, you will learn how to use Music technology software as well as learning how to use advanced sound effects. You will also learn how to record in a studio environment.</p> <p>Understanding 20th and 21st Century Music: You learn about modern music styles (Indie, Electroacoustic, New Wave, R'n'B etc).</p> <p>Music Technology in Context: You will use your music technology skills to create one large project. This can be a live performance, a radio broadcast, a soundtrack for film/TV, an audio book or a sound design for computer gaming.</p>
Assessment	<p>70% of final grade – A folio consisting of one project.</p> <p>30% of final grade – A listening paper.</p>
What the future can bring	<p>Music Producer.</p> <p>Sound designer for games/films/media.</p> <p>BBC Sound Engineer.</p> <p>Studio Engineer.</p> <p>Live Sound Engineer.</p> <p>Mastering Engineer.</p> <p>Radio Broadcast Engineer.</p> <p>Music Editor.</p> <p>Sound Designer.</p>

Course title	Philosophy
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in RMPS and/or Nat 5 A-C in another Social Subject and/or Nat 5 A-C in English. Must be comfortable writing essays.
What the course involves	<p>The Philosophy course consists of 3 areas of study:</p> <p><u>Arguments in Action</u></p> <p>Arguments in Actions helps to develop our critical thinking and arguing skills such as how to present an argument in a easy to access way and spotting the flaws and fallacies commonly found in logical arguments.</p> <p>The course will teach how to construct a philosophical argument, how to spot when arguments do and do not work, the most commonly found fallacies in arguments and how to recognise when they are used amongst other valuable skills.</p> <p>Arguments in Action has its own section in Paper 2 of the exam, worth 30 marks.</p> <p><u>Knowledge & Doubt</u></p> <p>This section of the course explores how we can truly say we “know” things. We will answer questions like “how can we trust our senses?” and “can we be sure the world exists?”. We will study the philosophies of Descartes and Hume, two different responses to these questions.</p> <p>Knowledge & Doubt is assessed with an essay in Paper 1 and 10 marks of short questions in Paper 2.</p> <p><u>Moral Philosophy</u></p> <p>Moral Philosophy seeks to answer the questions of morality in society. Where does our morality comes from, what makes an action right or wrong and what should we use to determine what action to take? These questions will be explored through the study of the theories of Utilitarianism and Kantian Ethics.</p> <p>Moral Philosophy is assessed with an essay in Paper 1 and 10 marks of short questions in Paper 2.</p>
Assessment	<p><u>National 5</u>— 1 80 mark exam paper & a 20 mark internally assessed assignment.</p> <p><u>Higher</u>—2 exam papers (Paper 1: 2 30 mark essays, Paper 2: 50 marks short questions)</p>
What the future can bring	Studying Philosophy can help with access to careers in Law, Politics, Science, Journalism, Teaching, Business and anything else that requires problem solving, critical thinking and strong communication skills.

Course title	Photography
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in English and Nat 5 A-C in Art (not essential but useful)
What the course involves	<p>The Higher Photography course includes the technical and creative sides of photography. The course comprises a series of units covering basic camera controls and the use of research skills and Digital Imaging.</p> <p>These skills are then combined in the thematic course project. The student selects a theme and produces a body of work expressing their interpretation of the chosen theme the work is then presented and externally assessed by SQA.</p> <p>The course allows pupils to develop their own knowledge and understanding of photographic media and different camera techniques and processes. While also allowing them to develop their own creative skills.</p> <p>Throughout the course pupils will research photographers social, cultural, historical, and scientific influences and identify how they impact their work. This will deepen their knowledge and understanding of different styles and genres of Photography while also experimenting with different camera handling techniques and photographic processes.</p> <p>Pupils will need to demonstrate technical photographic skills and show their own personal, creative responses when photographing a variety of subjects. They will plan out their own project which provides opportunities to develop critical-thinking skills, and to evaluate their own photo-graphic work and practice.</p>
Assessment	<p>The course assessment has two components:</p> <p>Final Project 100 marks</p> <p>Question Paper 30 Marks</p> <p>(Both externally assessed by SQA)</p>
What the future can bring	<p>At school learners can continue Photography at Adv Higher level via the Art & Design course.</p> <p>College courses include HNC (level 7) or HND (level 8) Photography courses which can progress onto a degree level Photography course.</p> <p>As well as the option of working as a professional/freelance Photographer there are many other creative careers where having a Photography qualification is beneficial:</p> <p>Graphic Design, Fashion, Video Editing, Journalism, Media/Newspaper, Nature, Wildlife, Travel, Web Design, Portrait & Wedding, Corporate, Forensic, Music, Advertising, Visual merchandiser, Art director, Filmmaker, Visual Effects Artist, Fine Art, Stylist, Medical Illustrator and many more.</p>

Course title	Physical Education
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Physical Education. If crashing the course, a pass in National 5 English and experience of sport outside of school as 50% of overall grade is based on practical ability.
What the course involves	<p>The course consists of two areas of study:</p> <p><u>Factors impacting on performance:</u></p> <p>Candidates develop knowledge and understanding of mental, emotional, social and physical factors that impact on personal performance in physical activities.</p> <p><u>Performance:</u></p> <p>Candidates develop their ability to demonstrate a broad and comprehensive range of complex movement and performance skills through a range of physical activities e.g. gymnastics, trampolining, netball, football, badminton, volleyball, fitness and cross country.</p> <p>Pupils must participate in all the course activities.</p>
Assessment	<p>Throughout the course, pupils will be assessed in a range of individual, team and aesthetic activities.</p> <p>The final performance component will assess the pupils' ability to effectively perform in two different physical activities, each performance will be marked out of 30. This is 50% of the overall marks for the course assessment.</p> <p>Pupils will sit a 2.5 hour written exam. The question paper has a total mark allocation of 50 marks. This is 50% of the overall marks for the course assessment.</p> <p>The question paper has three mandatory sections and focuses on:</p> <ul style="list-style-type: none"> • factors impacting on performance • methods of collecting information to analyse factors impacting on performance • performance development process • recording, monitoring, and evaluating performance development
What the future can bring	<p>Other qualifications in sport or related areas.</p> <p>Further study, employment or training.</p>

Course title	Physics
Course level	Level 6: Higher
Entry recommendations	<p>Nat 5 A-C in Physics (A-C) also recommended to have passed Nat 5 Mathematics (A-C).</p> <p>Learners without N5 Physics should have proven success in other science courses . Please discuss with the PT Science.</p>
What the course involves	<p>The Higher Physics Course develops learners' curiosity, interest and enthusiasm for physics in a range of contexts. The skills of scientific inquiry and investigation are developed throughout the course, and the relevance of physics is highlighted by the study of the applications of physics in everyday contexts.</p> <p>The course is made up from four units:</p> <ul style="list-style-type: none"> • Our Dynamic Universe • Particles and Waves • Electricity • Researching Physics
Assessment	<p>Course assessment structure : Written exam and an assignment.</p> <p>The course is assessed by a written examination ,set and marked by the SQA.</p> <p>The question paper has two sections. Both papers have a total mark allocation of 155 marks. This contributes 80% to the overall marks for the course assessment.</p> <p>The assignment assesses the application of skills of scientific inquiry and related physics knowledge and understanding and is worth the remaining 20% of the total exam mark.</p>
What the future can bring	<p>Learners who achieve a pass at Higher could progress to Advanced Higher Physics.</p> <p>Higher Physics is also required for entry to a number of Further and Higher education courses in Science and Engineering.</p>

Course title	Politics
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in English or any Social Subject
What the course involves	<p>The course covers three areas.</p> <p>Unit one looks at political theory, which covers political ideologies and the different types of democracy. The first looks at socialism and how a socialist country would function, comparing it conservatism and capitalism. The second looks at the role referendums play in democracies around the world, and whether democracies would function better with these in place of elected representatives.</p> <p>Unit two covers American politics. It looks at the President, evaluating just how powerful they are. It also looks at the US Constitution, examining the role it plays in American life. The unit then looks at the Prime Minister in the UK as well as the UK constitution, comparing how similar or different they are their American counterparts.</p> <p>Finally, the last unit looks at Political Parties in the UK, which covers campaigning strategies as well as the 2019 election. The first looks at how Political Parties campaign for votes using new technology, traditional strategies and the media. The second looks at the 2019 election in detail, specifically why Labour lost the election so badly.</p>
Assessment	<p>Paper 1 – Essay paper (52 marks)</p> <p>Paper 2 – Skills paper (28 marks)</p> <p>Personal choice essay (30 marks)</p>
What the future can bring	<p>Politics gives students a grounding in some of the most important political concepts. Students have gone on to a wide range of courses at university, from politics courses and international relations to law.</p> <p>The course has a phenomenal track record of success, with extremely high pass rates, especially A pass rates.</p>

Course title	Psychology
Course level	Level 6: Higher
Entry recommendations	Nat 5 A-C in Psychology. If S6 with no prior attainment, a Higher at A-C in another social subject would be required. If S5 with no prior attainment, an A/B in another social subject at N5 would be required. Some experience of maths/biology would also be beneficial.
What the course entails	<p>A current Higher Psychology pupil:</p> <p><i>"The course is interesting as it takes both social subjects and science and combines them. This is good as it allows you to develop skills from both. Even if you have never taken a social subject or science, it is easy to understand. The topics covered also allow you to develop knowledge in areas which you would have never been able to study before within school, such as conformity and obedience as well as sleep and dreams, making this course an amazing one to take."</i></p> <p><i>"I took this course as I had heard good things about it from friends and my sister. In addition, I also took it to help me understand the world in a new way as it introduces us to new ideas about humans"</i></p>
Assessment	<p>The course covers the following topics:</p> <ul style="list-style-type: none"> • Research Methods • Social Behaviour • Conformity and Obedience • Social Relationships • Individual Behaviour • Sleep and Dreams <p>The course is assessed as follows:</p> <ul style="list-style-type: none"> • Final exam - 66.6% of overall grade. • Coursework - 33.3% of overall grade.
What the future can bring	Psychology is a versatile subject that can lead to careers in the health sector, social work, counselling, education, law, police, research, recruitment and HR , advertising and marketing, charity work and not-for-profit organisations... and more!

Course title	RMPS
Course level	Level 6: Higher
Entry recommendations	It will help if you have National 5 RMPS but you do not need to have it to do well.
What the course involves	<p>This course helps learners to understand society. They learn about, and from, religious beliefs, non-religious viewpoints, and personal experience. By exploring how religion, morality and philosophy can help people find meaning and purpose in life, pupils develop their understanding of human beliefs, values and behaviour. Throughout the course, there are opportunities for pupils to develop literacy, personal learning and thinking skills, and a sense of responsible citizenship.</p> <p>The course consists of three units - Buddhism (world religion), Justice (morality) and Existence of God (philosophical question).</p> <p>Buddhism is a major world religion that originated in India but has been becoming very popular in the West especially through practices like mindfulness and meditation. As a religion with no God, it really challenges the belief about what a religion is with a very different view to life, the meaning of it and how to live. You will be encouraged to reflect on what you think about these beliefs and practices.</p> <p>Justice covers topics like the causes of crime and asks you to consider why people might commit crimes in the first place, why we punish people who commit crimes and what the purposes of these really are as well as look at some types of punishment, such as fines, prison and the death penalty. You will be encouraged to learn about different viewpoints to these, religious and non-religious, and express what your viewpoint on these issues are.</p> <p>In Existence of God, we ask the big philosophical question – does God exist? We look at different classic historical arguments to support that he does as well as challenges to this and you will be encouraged to engage in this debate and consider what you think of these arguments and whether they offer enough proof to say God definitely does or does not exist.</p>
Assessment	<p>Exam – two papers, 80 marks. A mixture of 10 mark short essays and 20 mark longer essays. Paper 1 (2h 20 min) and paper 2 (45 minutes). Assesses: Knowledge and understanding, analysis and evaluation.</p> <p>Assignment – 30 mark essay assessed by SQA.</p>
What the future can bring	This course will help you develop a range of skills that will be useful in any future career and life in general as you will expand your understanding of human nature, different religious and non-religious beliefs and to continuously reflect on your own beliefs. This will be particularly useful in careers like law, psychology, teaching, counselling, politics, health care, and many more!

Level 6 Choices

Architecture & Interior Design

Data Science

Journalism

PC Passport

Personal Finance

Photography

Religious Values and Beliefs

Scottish Studies

Sports Development

Course title	Architecture & Interior Design
Course level	Level 6
Entry recommendations	Nat 5 A-C in Art and Design and/or Nat 5 A-C in Design and Manufacture
What the course involves	<p>The NC in Architecture and Interior Design is suitable for young people and adults who wish to pursue further study or enter a career in architecture or interior design.</p> <p>This qualification introduces you to the drawing skills, computer software and design practice utilised by architects and designers. A good architect or designer responds sensitively to his or her environment, and must consider context, function, beauty, form, and materiality. Most importantly, they must honour their client's brief. You will learn about past, present and future trends in drafting, architectural model-making, prototyping and materiality, exploring the poetics of space and light as you begin to understand the subtle art of designing the human environment.</p> <p>This programme will provide learning opportunities focusing on sustainable communities in order to provide future environments that will promote wellbeing.</p>
Assessment	Assessment will include on-going and end of Unit assessment. The six mandatory Units cover the principal operational areas of the architectural profession. you will also have opportunities to develop Core Skills. The five Core Skills are Communication, Information and Communication Technology (ICT), Problem Solving, Working with Others, and Numeracy. Development of these Core Skills will very often be integrated into the practical subjects you will study as part of the NC
What the future can bring	There are opportunities to progress to the Higher National Certificate (HNC) in Architectural Technology or HNC in Construction, or to pursue further study within creative industries courses such as the HNC in Digital Media, HNC in Contemporary Art Practice, HNC in 3D Design or HNC in Visual Communication.

Course title	NPA in Data Science
Course level	Level 6: NPA
Entry recommendations	Nat 5 A-C in Computing Science or Nat 5 A-C in Mathematics
What the course involves	<p>During the course, learners will gather data and analyse datasets. They will visualise the results and present their findings, reporting on what they have found and how it can make a difference to themselves or others.</p> <p>Participants will develop an understanding of how data is used in society. Learners will interpret data in different formats to find out interesting things from it, investigate the reason for unusual results or trends, and think about the impact or behaviour change that will result from the analysis. Learners investigate how data can have both a positive and negative effect on society, such as when biased data is used in decision making or when data is misrepresented to influence people.</p>
Assessment	Demonstrate knowledge and understanding through computer based tests and computer based projects.
What the future can bring	Develop an interest in working with Data leading onto further courses at college and university and Modern Apprenticeship opportunities.

Course title	Journalism
Course level	Level 6: NPA
Entry recommendations	Nat 5 A-C in English or Higher A-C in English
What the course involves	This is a stimulating course, designed to provide an introduction to the activities involved in Journalism. You will develop your research and interview skills as well as improving your competency in a range of journalistic related disciplines (including newswriting, page layout and design, website development and photography).
Assessment	Level 6 Journalism is an internally assessed course. Assessment takes place throughout the year as pupils complete mandatory units.
What the future can bring	Pupils who successfully achieve Level 6 Journalism may wish to consider Higher English.

Course title	PC Passport
Course level	Level 6: NPA
Entry recommendations	Nat 5 A-C in English and/or Nat 5 A-C in Maths
What the course involves	This course will provide learners with up-to-date knowledge and skills of areas such as word processing, spreadsheets and presentation software.
Assessment	Assessment is done online using SOLAR. It consists of ICT practical tasks using skills learned on the various types of software covered.
What the future can bring	<p>This course gives learners an all-round experience to develop their ICT practical skills which will be of use in any career or further educational experience.</p> <p>It is also a component of the Modern Apprenticeship in Digital Applications.</p>

Course title	Personal Finance
Course level	Level 6
Entry recommendations	Nat 5 A-C in Mathematics and/or Nat 5 A-C in Business or Admin & IT
What the course involves	<p>You will develop knowledge and skills to cope confidently and effectively with the types of financial matters individuals are likely to encounter. From student loans, to pensions, the awards will prepare learners for financial decision making and managing personal finances throughout their lives.</p> <p>The Awards cover a range of topics, including: calculating and comparing costs; household budgeting; different forms of borrowing; tax and National Insurance; credit cards; bank accounts; exchange rates, interest and inflation rates.</p>
Assessment	The course is assessed across the year and pupils must pass the units assessed online with at least 50%
What the future can bring	The awards can be used to offer a progression pathway to other qualifications and could provide a good grounding for those wishing to follow a career in financial services or related sectors (see Progression).

Course title	NPA Photography
Course level	Level 6
Entry recommendations	Nat 5 A-C in Art and Design. Nat 5 A-C in English is preferable.
What the course involves	<p>If you would like to develop a portfolio by exploring diverse essential photographic approaches and skills required for progression to more advanced levels of study in photography, or prepare yourself for initial entry to employment within the photo-imaging sector, then this is the course for you!</p> <p>What you will experience</p> <ul style="list-style-type: none"> • Darkroom skills • Digital editing skills • Studio techniques and safety • Portraiture, still life • Urban and environment • Reportage • Portfolio Project • Video skills • Contextual studies of photography • Exhibitions and events
Assessment	Assessment is based on work created and completion of mandatory units. There is no final exam.
What the future can bring	<p>Further study could lead to the following careers:</p> <p>Photographer – including portraiture, landscape, nature, fashion and press</p> <p>Image Editor</p>

Course title	Religious Values and Beliefs
Course level	Level 6
Entry recommendations	Nat 5 A-C in RMPS and/or Nat 5 A-C in another Social Subject
What the course involves	<p>The Religion, Belief and Values Award helps learners to deepen their knowledge and understanding of how religion and values can shape and contribute to the lives of individuals and communities.</p> <p>The Award encourages learners to explore and reflect on their personal faith or values, and to deepen their understanding of this through practical engagement in local, national or global communities.</p>
Assessment	
What the future can bring	

Course title	Scottish Studies
Course level	Level 6
Entry recommendations	Nat 5 A-C in a Social Subject and/or Nat 5 A-C in English
What the course involves	The Award may interest learners living and studying in Scotland, as it provides opportunities to broaden their understanding and appreciation of the society in which they live. This, in turn, may provide opportunities for learners to reflect on, and build, their own sense of identity as residents of Scotland and the wider world.
Assessment	Assessment is based on a 50% pass of each unit as you work your way through the course. There is no end of year exam.
What the future can bring	An interest in continuing studies either in social subjects or in literacy.

Course title	<h1>Sports Development</h1>
Course level	Level 6
Entry recommendations	Nat 5 A-C in PE and/or Higher PE A-C
What the course involves	<p>The NPA (National Progression Award) Sports Development was developed to support candidates wishing to pursue Sports Development as a possible career path. The competences achieved will allow candidates to make other career decisions and follow different pathways.</p> <p>The National Progression Award is designed to equip candidates with the skills, knowledge and understanding required for progression to further academic and/or professional qualifications.</p>
Assessment	<p>The NPA Sports Development award has two Units. Both Units will need to be completed to achieve the NPA.</p> <p>Sports: Activity and Participation Opportunities in the Community (Higher)</p> <p>Sports: Investigate Activity Development Opportunities in an Organisation (Higher)</p> <p>The Units will be carried out in a sports environment and assessments will reflect the nature and the knowledge that will relate to sports development. The Units will involve team working but ALL candidates will need to play a full part as it will be your own work and contribution which will be assessed.</p>
What the future can bring	<p>National Progression award is designed to improve your skills and knowledge in the Sport and Fitness Industries. They are designed to allow progression to the HNC/HND programmes in:</p> <ul style="list-style-type: none"> – Sport Coaching with Sports Development – Sport and Recreation Management – Other SQA awards and SVQs are also real possibilities

Advanced Higher Choices

Art and Design

Biology

Chemistry

Drama

English

French

Gàidhlig

Geography

Graphic Communication

Maths

Modern Studies

Music

Physics

Course title	Art & Design (Expressive <u>or</u> Design)
Course level	Level 7: Advanced Higher
Entry recommendations	Higher Art A-C
What the course involves	<p>Learners are given the option to specialise in expressive art or design as their focus in Advanced Higher:</p> <p>The Expressive Advanced Higher course provides opportunities for learners to develop their creativity, visual awareness and understanding of aesthetic, while exploring how to communicate their personal thoughts, ideas and opinions through their expressive artwork. This involves visually exploring and responding in an individual way to stimuli, researching challenging expressive art contexts and evaluating how artists respond creatively to stimuli.</p> <p>The Design Advanced Higher course provides opportunities for learners to develop their personal creativity and apply their understanding of design practice, function and aesthetics. This involves exploring and researching challenging design contexts, issues and opportunities, and evaluating and incorporating visual stimuli and other information from a variety of sources. Both courses require candidates to submit a number of A1 sheets which show clear development towards a final outcome as well as a critical analysis based on their research and study of a chosen artist or designer.</p> <p>Expressive</p> <p>Learners will evidence ability to develop creative ideas and artwork in response to a chosen expressive stimulus/theme concept. They will also demonstrate their analytical and evaluative skills. This will include analysing in detail either a single chosen artwork or a closely related group of work(s) which relates in some way to their practical artwork. It will also include an evaluation of your portfolio of artwork.</p> <p>Design</p> <p>Learners will evidence ability to develop creative ideas and design work in response to a design brief. They will also demonstrate analytical and evaluative skills. This will include analysing in detail either a single chosen design work or a closely related group of work(s), which relates in some way to their practical design work. It will also include an evaluation of your portfolio of design work.</p>
Assessment	<p>Design or Expressive Portfolio including written critical analysis and evaluation is awarded one overall mark as part of a full body of work – 100 marks in total.</p> <p>Portfolio (Expressive or Design) 64 Marks</p> <p>Contextual Analysis 30 Marks</p> <p>Evaluation 6 Marks</p>
What the future can bring	<p>The Adv Higher Art & Design course will provide learners with a portfolio that can be used as entry to a variety of College and Universities offering BA Hons and Master degrees. Courses in Fine Arts and Design can unlock many opportunities for exciting careers in fields such as Art Curating, Set Design, Special effects specialisms, Tv and Film, Prop building, Graphic Design, Marketing, Design specific to the Music Industry, The Fashion Industry, Architecture and Art Education. Pupil's taking the subject further may also consider Secondary Education, Interior Design, and many other fields such as Art History, Arts Management, Museum Studies, Historic Preservation, Visual Communications, and many more.</p>

Course title	Biology
Course level	Level 7: Advanced Higher
Entry recommendations	Higher Biology A - C
What the course involves	<p>The Advanced Higher Biology Course is based on integrative ideas and unifying principles of modern biological science. It covers key aspects of life science at the molecular scale and extends to aspects of the biology of whole organisms that are among the major driving forces of evolution. In addition, the Advanced Higher Biology Course aims to develop a sound theoretical understanding and practical experience of experimental investigative work in biological science.</p> <p>The course is made up from three units:</p> <ul style="list-style-type: none"> • Cells and Proteins • Organisms and Evolution • Investigative Biology
Assessment	<p>The course is assessed by a 3h written examination, set and marked by the SQA. The question paper has two sections. Section 1 contains multiple-choice questions and has 20 marks. Section 2 contains structured and extended-response questions and has 80 marks.</p> <p>A research project is completed in school and is marked by the SQA.</p> <p>The project allows candidates to individually carry out an in-depth investigation of a biology topic and produce a project report.</p> <p>The project report is worth 25% of the overall mark for the final course assessment.</p>
What the future can bring	Advanced Higher Biology provides entrance requirements for a wide variety of Higher Education courses.

Course title	Chemistry
Course level	Level 7: Advanced Higher
Entry recommendations	Higher Chemistry A-C
What the course involves	<p>The Advanced Higher qualification in Chemistry develops sophisticated skills of independent study and thought.</p> <p>Learners carry out an in-depth study of electronic structure, chemical bonding, thermochemistry and reaction kinetics.</p> <p>Further topics for study include organic chemistry, structural analysis, and medicinal chemistry</p> <p>The course is made up from three units: -</p> <ul style="list-style-type: none"> -Inorganic and physical chemistry - Organic chemistry and instrumental analysis - Researching chemistry
Assessment	<p>The course is assessed by a 3h written examination, set and marked by the SQA.</p> <p>A project is completed in school time and is marked by the SQA. The project allows candidates to individually carry out an in-depth investigation of a chemistry topic and produce a project report. The project report is worth 25% of the final mark.</p>
What the future can bring	Advanced Higher Chemistry provides entrance requirements for a wide variety of Higher Education courses.

Course title	Drama
Course level	Level 7: Advanced Higher
Entry recommendations	Candidates should have achieved the Higher Drama course or equivalent qualifications and/or experience prior to starting this course.
What the course involves	Component 1: project–dissertation has 30 marks out of a total of 100 marks for the course Component 3: performance 50
Assessment	SQA Visiting Assessor (Acting and Production) SQA Externally assessed (Written Paper) Project–dissertation 30 marks out of a total of 100 marks for the course assessment. Candidates identify a performance issue, carry out research and communicate their findings in a dissertation of 2,500 to 3,000 words. Course Assignment: 20 Marks out of 100 for the course. analyse a professional theatrical production and the work of at least one theatre practitioner (actor, director, and/or designer) involved in the production, in an extended response. Performance: The performance has 50 marks out of a total of 100 marks for the course assessment
What the future can bring	A range of drama-related Higher National Certificates (HNCs) and/or Higher National Diplomas (HNDs) , degrees in drama and related disciplines , careers in the creative industries and other industries. Work progression in no way not excluded to theatre, film and television, as course help develop effective self-expression, skills in group work, presentation skills, practical application of imaginative skills, analysis, reflective skills. Helps develop confidence.

Course title	English
Course level	Level 7: Advanced Higher
Entry recommendations	Higher English A –C
What the course involves	Advanced Higher English focuses on the critical and creative study of complex and sophisticated literature and language. It provides you with opportunities to add specialism, depth and independence to your English and study skills.
Assessment	<p>Advanced Higher English is assessed through externally assessed coursework and via a final exam.</p> <p>Candidates must submit a portfolio of writing and a critical dissertation to the SQA.</p>
What the future can bring	The course provides a clear progressive pathway for pupils who wish to go on to study English literature, language or other disciplines in further and higher education.

Course title	French
Course level	Level 7: Advanced Higher
Entry recommendations	Higher French A-C
What the course involves	<p>This course provides you with the opportunity to:</p> <ul style="list-style-type: none"> • develop advanced skills in listening and talking, reading and writing, which are essential for learning, work and life. • further develop an understanding of how language works and use language to communicate ideas and information in the contexts of Society, Learning, Employability and Culture. • use creative and critical thinking. • develop skills in literary & film appreciation. • further enhance your enjoyment and understanding of your own and other cultures. • develop independent learning skills including research and analytical skills.
Assessment	<p>The course assessment consists of an exam:</p> <ul style="list-style-type: none"> • Component 1: Question Paper Reading and Translation (50 marks) • Component 2: Question Paper Listening and Discursive Writing (70 Marks) <p>And course assessment, prepared during the year:</p> <ul style="list-style-type: none"> • Component 3: Portfolio (30 marks) • Component 4: Performance–Talking (50 marks)
What the future can bring	<p>Linguists are known for their communication skills which are highly sought after in many businesses and industries. Languages lead to a wide range of careers including:</p> <ul style="list-style-type: none"> • Journalism & Broadcasting • Publishing • Civil & Diplomatic Service • Air Cabin Crew/Pilot • Travel & Tourism • Banking & Finance • International Business • International Law • Advertising • Marketing & PR • Human Resources • Teaching • Translation & Interpretation • Policy & Research • Health – International Agencies, such as 'Médecins sans Frontières' (MSF)

Course title	Gàidhlig
Course level	Level 7: Advanced Higher
Entry recommendations	Higher Gàidhlig A-C
What the course involves	<p>Gaining a qualification in Gàidhlig is a recognition of your fluency in the language and demonstrates that you are able to use the language confidently and independently. You will develop your skills in talking, reading, listening and writing which will not only open many post-school employment opportunities, but will also allow you to deepen your knowledge of the Gaelic language.</p> <p>With the opportunity to develop a range of skills there will be a variety of experiences within the course. You will further develop the skills that you have focussed on within the Higher course whilst at the same time broadening your skill set, including translational. You will also work more independently as you focus on areas of Gaelic cultural heritage and the cultural heritage of others.</p> <p>The Advanced Higher course will also give you the opportunity to develop and apply at an advanced level, the language skills of translation and interpretation through an in-depth study of Gaelic language and literature. You will also demonstrate your knowledge, skills and understanding through the production of a specialist study.</p>
Assessment	<p>The course consists of four components,</p> <ul style="list-style-type: none"> • Practical Criticism • Literature and Writing • Translating • Talking <p>Practical Criticism, Literature and Writing and Translating are assessed in the final SQA examination whilst the Talking is assessed by a visiting SQA assessor.</p>
What the future can bring	<p>Advanced Higher Gàidhlig feeds directly into further education and training, as well as preparing you for the world of work.</p> <p>Success at Advanced Higher Gàidhlig level also prepares you for progression to further education, including courses at Sabhal Mòr Ostaig, University of Glasgow, University of Strathclyde, University of Edinburgh, University of Stirling and others.</p> <p>The course is an excellent bridge into further education and develops your ability to work independently and take on further challenge and broaden your skill set.</p>

Course title	Geography
Course level	Level 7: Advanced Higher
Entry recommendations	Higher Geography A-C or Higher Environmental Science A-C
What the course involves	<p>This course allows a lot of personal choice through your folio pieces – learn more about a topic from Higher/N5 or research something completely new whether it be the Geography of Crime, Sport or something else altogether. You need to complete a Study of a local area by researching the areas, completing fieldwork in a human or physical environment of your choice, then discuss and analyse your results. (This is similar to the Assignment at Higher except you choose the topic, research questions and it is sent away to SQA in advance). You also need to create a critical essay about a Geographical Issue facing the world today. Examples from previous years include: should the UK end the use of fossil fuels? What were the social impacts of Covid -19 vaccine distribution? What were the social, economic and environmental impacts of the Olympics in Sochi?</p> <p>You will further develop your map interpretation skills learned in the Skills section of the Higher course. You will also further develop your research skills through learning about techniques to gather data in human and physical environments, including fieldwork. You will also learn different ways to display and analyse data.</p>
Assessment	<p>A folio worth 67% of your grade which is sent to SQA in advance of the exam - an Issues essay and Study. The Issues essay is a critical essay on a Geographical issue of your choice. It involves reading a range of articles, outlining and evaluating the different perspectives on your chosen issue and reaching a conclusion. The Study is an individual research project which enhances your understanding of a Geographical topic of your choice and involves online research, fieldwork and creating a report.</p> <p>The AH exam is worth 33% of your grade and focuses on map interpretation, gathering and processing techniques and data analysis.</p>
What the future can bring	<p>An overall better understanding of the world around you which can be useful for any future plans! The research skills developed will be transferable to further and higher education or a workplace environment. There will be opportunities to develop planning skills, work independently and as part of a team.</p> <p>Previous pupils have gone on to study Geography, Environmental Science, Geology, Urban Planning, Social Sciences, Teaching, Travel, Law, Engineering and a range of other subjects including English and Mathematics. Others have worked with governments, travel, charities and environmental organisations.</p>

Course title	Graphic Communication
Course level	Level 7: Advanced Higher
Entry recommendations	Higher Graphic Communication A-C
What the course involves	<p>This course has three units to it which you need to work through to allow you the knowledge and skills to tackle the final assignment.</p> <p>Unit 1: CAD unit of a camera casing. Looking into Audiences that would make use of types of CAD drawings, producing manual sketches of parts and designing a mount for the camera case.</p> <p>Unit 2: CVMG unit of a webpage. Using the camera case as inspiration, you will be creating a webpage for it. You will be creating a logo and company name to go along with it and creating links to pages within the webpage. Audiences for CVMG are also looked at and printing techniques.</p> <p>Unit 3: Architecture unit. Looking at housing estates and creating a floor plan, site plan and an exterior of a house and interior. Audiences will also be looked at for this unit.</p>
Assessment	Assignment—you need to set this and you have a 20 page limit to bring together CAD and CVMG. This is worth 90 marks and extended period of time to complete.
What the future can bring	<p>University or College for several courses:</p> <p>CAD technician</p> <p>Architecture technician</p> <p>Architecture</p> <p>Graphic design</p> <p>Web Design</p> <p>App Design</p> <p>Interior Design</p>

Course title	Maths
Course level	Level 7: Advanced Higher
Entry recommendations	Higher Maths A-C.
What the course involves	<p>Advanced Higher Mathematics has 3 units.</p> <ul style="list-style-type: none"> • Methods in Algebra and Calculus – develops advanced knowledge and skills in algebra and calculus that can be used in practical and abstract situations to manage information in mathematical form. • Applications of Algebra and Calculus – develops advance knowledge and skills that involve the application of algebra and calculus to real-life and mathematical situations, including applications of geometry. Learners will acquire skills in interpreting and analysing problem situations where these skills can be used. • Geometry, Proof and Systems of Equations – develops advanced knowledge and skills that involve geometry, number and algebra, and to examine the close relationship between them. Learners will develop skills in logical thinking.
Assessment	<p>Pupils will be continually assessed throughout the course.</p> <p>To gain the award of the course, the learner must pass the course assessment. The course assessment will consist of a paper set and marked by SQA. Course assessment will provide the basis for grading in the course award.</p>
What the future can bring	The course is excellent preparation for further or higher education of mathematically-based courses such and Mathematics, Physics and Engineering.

Course title	Modern Studies
Course level	Level 7: Advanced Higher
Entry recommendations	Higher Modern Studies A-C
What the course involves	<p>This course includes three separate units plus a dissertation, which all require a consistent and motivated effort towards the course work. Independent working and further reading is required to complete the course successfully.</p> <p>Our Advanced Higher topic is Crime and the Law with units on Responses to Crime, Theories and Research Methods.</p>
Assessment	The exam is worth 90 marks and the dissertation that pupils complete independently is worth 50 marks.
What the future can bring	This course is excellent in building transferable and valuable skills such as analysing, researching, evaluating, information handling and literacy. All of which are vital for further education at both university and college level, as well as when applying for wider work.

Course title	Advanced Higher Music
Course level	Level 7: Advanced Higher
Entry recommendations	Higher
What the course involves	<p>Performance: Pupils develop their skills on two instruments at grade 5 level. A minimum of six minutes is required on one instrument. Total programme length over two instruments is eighteen minutes.</p> <p>Understanding Music: Pupils learn music concepts (like a musical dictionary) and identify what they're listening to. This exam takes place during the exam period for all other subjects. i.e. April / May.</p> <p>Composition: Pupils make up their own music with assistance and write a short reflection on how they composed this music. Pupils analyse two pieces of music.</p>
Assessment	<p>Performance: Pupils perform on two instruments for a total of twelve minutes to an external examiner in May. This is worth 50% of the overall course award.</p> <p>Understanding Music: An external listening paper worth 35% of the course award.</p> <p>Composition: Folio submitted to SQA. This element is worth 15%.</p>
What the future can bring	Music teacher, session musician, music therapist, booking agent, composer, DJ, event manager, instrument technician, live sound technician, music PR, musical director, musician, private music teacher, radio producer, songwriter, sound engineer, tour manager.

Course title	Physics
Course level	Level 7: Advanced Higher
Entry recommendations	Higher Physics A-C
What the course involves	<p>The study of Advanced Higher Physics offers opportunities for collaborative and independent learning set within familiar and unfamiliar contexts. It seeks to illustrate and emphasise situations where the principles of physics are used and applied, thus promoting the candidates' awareness that physics involves interaction between theory and practice. The course allows candidates an opportunity to engage in some independent research and endeavours to foster an interest in current developments in Physics, and the applications of Physics.</p> <p>Course content includes the following areas of physics:</p> <p>Rotational motion and astrophysics</p> <p>The topics covered are: " kinematic relationships " angular motion " rotational dynamics " gravitation " general relativity " stellar physics</p> <p>Quanta and waves</p> <p>The topics covered are: " introduction to quantum theory " particles from space " simple harmonic motion " waves " interference " polarisation</p> <p>Electromagnetism</p> <p>The topics covered are: " fields " circuits " electromagnetic radiation</p>
Assessment	<p>Course is assessed by a 3 hour written examination which is set and marked by the SQA.</p> <p>There is also an independent project which is completed in school and marked by the SQA. The project assesses the application of skills of scientific inquiry and related physics knowledge and understanding. The project is worth 25% of the final course assessment.</p>
What the future can bring	Advanced Higher Physics provides entrance requirements for a wide variety of Higher Education courses.

Level 7 Choices

Refereeing

Course title	Refereeing
Course level	Level 7
Entry recommendations	Interest in football and developing knowledge and understanding of the laws of the game. Pupils will be involved in practical activity so basic fitness levels are expected.
What the course involves	<p>The PDA (Professional Development Award) in Scottish Football Association has been developed in partnership with the SFA's Referee Development Department.</p> <p>The refereeing course is designed to equip individuals with knowledge and understanding of Scottish Football Association (SFA) refereeing, concentrating on knowledge and understanding of the Laws of the Game of football. It also includes learning about formal controls, misconduct, match reports and fitness standards for referees. This knowledge is drawn together by refereeing a football match.</p> <p>Refereeing pupils gain experience through refereeing in school and helping referee in football assessments throughout the year. It offers candidates the opportunity to develop refereeing skills and enables progression to other widely recognised SFA refereeing qualifications.</p>
Assessment	<p>The course consists of 2 mandatory units: Laws of the Game Practical Refereeing</p> <p>Course assessment: Laws of the game – online exam multiple choice (2 hours) plus online video exam. Practical – fitness test, assessed refereeing a game.</p> <p>Pupils completing the refereeing course also complete the SQA level 5 Health & Wellbeing award.</p>
What the future can bring	<ul style="list-style-type: none"> • PDAs in Sport at SCQF level 7 and level 8 • SQA awards which incorporate higher level units, eg HNC/D (SCQF levels 7/8) • SFA refereeing structure