



CULLODEN
ACADEMY

SENIOR PHASE
COURSE CHOICE INFORMATION

2023-24

CHOICES FOR THE FUTURE

Making choices about your future can be a difficult and confusing time. You may be surrounded by a lot of information with advice coming from a lot of different people. Making sense of all of this information can sometimes seem impossible. As well as having your own thoughts about what you want to do, it's always a good idea to seek as much help as possible in order to make an informed choice.

Possible sources of help can include:

- ✓ Your parents/carers
- ✓ Your House Guidance teacher
- ✓ Your Subject teachers
- ✓ The School's Careers Advisor: Fiona Dowell
- ✓ [My World of Work](#) Website
- ✓ Friends who have experience of making choices for S4/S5/S6

Your Parents/Carers will know you better than anyone else and will have an important part to play in your choices.

Your House Guidance teacher would welcome the opportunity to discuss your plans with you and/or your parents. They can be contacted by phoning the school to arrange a meeting.

YOUR HOUSE GUIDANCE TEACHER

Your House Guidance Teacher is responsible for following your progress throughout your time in Culloden Academy. He/She will see you for a one-to-one interview before you make your final decisions about the next stage in your education or career path, **but you can see him/her at any time for help and advice if you wish**. He/She:

- Will be able to give you detailed advice on what may be the most appropriate options open to you at this stage
- Will have a good idea of your academic potential, strengths, weaknesses, character and background
- Will have seen all your school reports and also will have had regular feedback on your progress from all your teachers
- Will have had feedback from any interviews you may have had with the Careers Adviser
- Will have taken you through a Careers Programme in PSE and will possibly know the types of career areas you may be interested in

YOUR CAREERS ADVISER – FIONNA DOWELL

- ✓ You can make an appointment to see Fiona by asking your House Guidance Teacher to make an appointment for you.

STAYING ON? ... LEAVING? ... OR TRYING TO DECIDE? ...

KEY DATES FOR CURRENT S4 PUPILS

If you want to leave school and have turned 16 between 1st March 2023 and 30th September 2023, you can leave school **after 31st May 2023**. However, we would expect you to wait until all of your exams are over before completing a Leavers Form.

If you turn 16 between 1st October 2023 and the end of February 2024 you can leave school at the start of the Christmas holidays in December 2023. However, ***you may leave school at the end of the summer term if you apply for and are accepted into a full-time education course at college.***

THINKING ABOUT APPLYING FOR COLLEGE?

Applications for college courses beginning August 2023 ***can be made now***. If you think you may be interested in a college course and have not yet applied, see your guidance teacher as soon as possible for more information.

AN OPTION FOR CHRISTMAS LEAVERS

Some pupils who want to leave school and whose 16th birthday falls ***after*** the end of September choose to stay at school to do a mixture of school and a ***Work Experience placement*** between August and Christmas. If you are interested in doing this, you should see your House Guidance teacher for more details.

IF YOU'RE LEAVING SCHOOL

Once you have reached your official leaving date you can leave school at any time thereafter. ***To officially leave school, you must complete a Leavers Form.*** You can get one of these from your House Guidance Teacher.

STAYING ON

If you've decided to remain at school, or are still undecided and will make your mind up later, the next course of action is to:

- ✓ Take into account the recommendations which have been made for you by your teachers
- ✓ Ensure you read this information booklet and the accompanying Course Choice form
- ✓ Consider all of the advice you have been given. It's a good idea to write it down.
- ✓ If you wish to take a new subject it is really important you speak to the appropriate Head of Department

WHAT COURSES ARE AVAILABLE IN SCHOOL?

Courses are available at a range of different levels. [The Scottish Credit and Qualifications Framework \(SCQF\)](#) is an easy way of comparing all of the different types of qualifications available in Scotland – from school to college and university. It covers achievements such as those normally offered in school, college courses, degrees but also work based qualifications.

At Culloden Academy most courses are overseen by the *Scottish Qualifications Authority*. Courses include *Nationals* (SCQF Level 1 to Level 5), *SQA Awards* (Level 1 to Level 7), *Skills for Work Courses* (Level 3 to Level 6), *Highers* (Level 5), *National Progression Awards* (Level 2 to Level 6) and *Advanced Highers* (Level 7). While most courses are offered in school, we can also offer online courses through the *Highland Virtual Academy* and the University of the Highlands and Islands (*UHI*) through Inverness College. It’s also possible to study some courses online via the [Scholar programme offered by Herriot Watt University](#) and for S6 students there are a range of Open University courses through its [Young Applicants from School Scheme \(YASS\)](#).

THE SCOTTISH CREDIT AND QUALIFICATIONS FRAMEWORK

Through the Framework you can gain a better understanding of qualifications in Scotland and plan your future learning. The SCQF has 12 levels. The different levels indicate the level of difficulty of a particular qualification.

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

WHAT COURSES ARE AVAILABLE IN SCHOOL?

At Culloden Academy we aim to offer as varied a curriculum as possible throughout the senior phase, with qualifications at all levels to suit the needs and aspirations of all of our young people. However, courses can only run if we have staff available and the number of pupils choosing it makes it viable.

Pupils should understand that once they begin a course of study, then they are required to honour their place on the course by committing fully to their studies by completing classwork, homework and studying regularly, while also attending regularly.

THE S4 CURRICULUM

At the end of the Broad General Education phase in S3 of Secondary school pupils move into the first year of the Senior Phase in S4. During the BGE phase, learning took place across a wide variety of subjects and curriculum areas. As students move into the Senior Phase in S4, learning becomes specialised as subjects are studied in greater depth and with more rigour.

At Culloden Academy students will study a maximum of **six** subjects in S4. Mathematics and English are compulsory subjects allowing all students to choose a further four subjects to study. There is no restriction on the number of subjects that can be studied within curriculum areas. This means it's possible for students to study three sciences for example. Courses in S4 will normally be at SCQF Level 3, 4 or 5 and can be **National Courses** or **National Progression Awards**.

Each of the **six** subjects in S4 is studied for **five** blocks each week. 2 Blocks of compulsory core PE (a Scottish Government recommendation) total 32 Blocks per week.

THE CURRICULUM IN S5 AND S6

As students move into S5, they study **five** subjects for **six** Blocks each per week. S5 students also get one block of PE and one Block of PSE each week, totalling 32 Block per week. Courses in S5 can be taken up to SCQF Level 6 and might consist of **Highers**, **Nationals**, and **National Progression Awards**. In S6 students also have the option to study **Advanced Highers**.

PROGRESSION THROUGH S4, S5 AND S6

S4	S5	S6
National 3 →	National 4 / Level 4 NPA →	National 5 / Level 5 NPA
National 4 / Level 4 NPA →	National 5 / Level 5 NPA →	Highers / Level 6 NPA
National 5 / Level 5 NPA →	Highers / Level 6 NPA →	Advanced Highers / Level 7 NPA

WHAT COURSES ARE AVAILABLE IN SCHOOL?

National Qualifications are one of the most important types of qualifications in Scotland and almost everyone leaving school in Scotland has one or more National Qualifications. National Qualifications are designed to develop both the skills and **knowledge** needed to succeed beyond the classroom. Learners develop **practical skills** like data collection and team-working; **Core Skills** like literacy, numeracy, communication, ICT and problem solving; and **Skills for Learning, Life and Work** (SfLLW) such as employability, independent thinking, and enterprise and citizenship.

NATIONAL 3 AND NATIONAL 4 COURSES

In most cases these courses are made up three units. Students must pass the requirements for each unit to be awarded a National 3 or National 4 course award. These Unit assessments are marked by teachers in school but are subject to robust quality assurance by the SQA in order to maintain standards across Scotland. National 4 Level courses also have an Added Value Unit which takes the form of an assignment or investigation which allows learners to demonstrate the knowledge and skills they have developed throughout the course. There are **no** final SQA exams at National 3 or National 4 level and students are either awarded a Pass or a Fail. Internal (school based) assessment is intended to build students' confidence and to prepare them for National 5.

NATIONAL 5 COURSES

National 5 courses are more academically advanced qualifications. They are assessed through a final examination, coursework, or both – most of which will be marked by the SQA. In some subjects, coursework is marked by a teacher. The courses are graded A to D or "No Award". Students normally need to gain a qualification at National 5 in a subject before progressing to Higher level.

HIGHER COURSES

Highers are available mainly to S5 and S6 students in a range of subjects. Highers are the essential qualification for university entrance, some college courses, and certain jobs. Higher courses are made up of units and a course assessment which will involve an examination or coursework, or both. Most assessments at Higher level are marked by the SQA. Students need to pass all of the Units as well as the course assessment (e.g. exam) in order to achieve the qualification. Higher courses are graded A to D or "No Award".

There are a number of important points to consider when you are thinking about taking Highers:

- Highers are much more demanding than National courses. Highers are at a much more advanced level and the teaching pace is fast.
- Before deciding to take a subject at Higher level you should have obtained a National 5 level pass (Grade A to C) in that subject **and** a recommendation from your teacher to continue to study the subject at Higher.
- It is sometimes possible to take a Higher without having done a National in that subject (sometimes known as a **Crash Higher**). This is an option mainly open to S6 students who are trying to "top up" their Higher passes.
- If you are thinking about taking a subject at Higher level you should always discuss your choice with your present teacher or the Head of Department for the subject, as well as with your House Guidance Teacher.
- The maximum number of Highers you can take in one year is **five**.
- Statistics show that students whose qualifications in S4 are at National 5 level perform better in S5 if they study **five** Highers. It is strongly recommended that students doing mainly or mostly National 5 courses in S4 do **five** Highers in S5.

- Highers allow direct entry into many careers. Job opportunities in industry, finance and administration, as well as many others are available to students with Higher qualifications who will then also undertake on-the-job training.
- Highers are required for entry into many college courses.
- Highers are the basic entry requirement for all University courses. Before choosing your Higher courses you should be absolutely clear about the specific entry requirements for the University course you are interested in. A good selection of Higher passes together with National 5 passes will usually meet the entry requirements for a number of University faculties. Some subjects, like English, Mathematics, Modern Languages or Sciences are required for a number of University courses.
- Some University courses (Medicine, for example) require a specific number of Highers to be taken in one year/sitting.
- Make sure you have all the information you need about entrance to courses or careers which interest you before choosing the Highers you are going to study. Discuss your subjects with teachers and Heads of Departments.
- Study websites like [My World of Work](#) for more information on courses and careers.

ADVANCED HIGHER COURSES

Advanced Higher qualifications are regarded as an *optional* qualification. Advanced Higher courses are not usually required for university entrance. However, degrees such as **Medicine, Dentistry** and **Veterinary Medicine** will often specify the need for one or more Advanced Highers in **Chemistry, Physics or Biology**. Advanced Higher **Art & Design** will be required to produce an entrance portfolio of work for students applying to Art School for courses in **Architecture, Design, Animation, Fine Arts, Fashion, Textiles** etc.

Advanced Higher courses are structured in a similar way to Highers. They demand a very high level of personal commitment to independent learning. Students considering taking Advanced Highers need to demonstrate that they can take responsibility for their own learning. Like most schools, Culloden Academy cannot offer Advanced Highers in all subjects and availability will be limited. If you are considering taking a subject at Advanced Higher level, you **must** discuss this in detail with the **Head of Department** before submitting your course choice form. Students thinking about taking Advanced Higher must demonstrate that they are on track to achieve an excellent pass at Higher level in the subject and total commitment to independent learning.

NATIONAL PROGRESSION AWARDS (NPA)

National Progression Awards are designed to develop the skills sought after by employers. They encourage students to think differently and to aim high. These courses are aimed at assessing knowledge and skills specific to specialist vocational areas. Some of the NPAs being offered at Culloden Academy might include Scientific Technologies, Built Environment, Travel and Tourism, Bakery, Furniture Making, Excellence in Sport, Professional Theatre, Acting and Performance. Each of these NPAs may be offered at a different SCQF level – see the Course Choice form.

ONLINE AND OTHER COURSES

ONLINE COURSES AT INVERNESS COLLEGE AND “CITY HUB”

Inverness College is part of the University of the Highlands and Islands and works in partnership with local secondary schools to provide S4-S6 pupils greater choice in a variety of subject areas, enabling you to develop a greater range of vocational, practical and academic skills while at school. Courses are delivered in a variety of ways, opening up more opportunities for pupils. You can find out more about the courses on offer on the [UHI Website](#) for more details. A Taster Day takes place on **Tuesday 28th February 2023** from 6:30pm to 8:30pm.

If you are considering doing a college/UHI course you **MUST discuss this with Mrs Watt** who oversees all college courses. Courses run at various times but many are on Fridays ensuring minimum impact on your school timetable. Courses are available in the following areas:

- Business, Computing
- Hospitality
- Care, Health & Wellbeing
- Construction & The Built Environment
- Engineering Technology
- Creative Arts
- Education and Applied Sciences
- Scottish School of Forestry

Students who wish to study at Inverness College UHI must make an application which includes a **Personal Statement** and a suitable **Reference**. Applications can be made at any time; however, **you must discuss this option thoroughly with your Guidance Teacher and Mrs Watt** before doing so. The closing date for applications is **27th March 2023**. **Interviews will take place between 27th March and 28th April 2023.**

HIGHLAND VIRTUAL LEARNING ACADEMY

The Highland Virtual Learning Academy (HVLA) offers a range of courses/subjects at National 5, Higher, and Advanced Higher levels in Column A and B on the Option form. As Culloden Academy is one of the largest schools in Highland we already offer most of the subjects on offer in school. However, it may be the case that the particular configuration of subjects that you wish to study does not fit on the option form or there is a particular subject that you wish to study but which is unavailable at Culloden Academy. If this is the case, then **you should have a detailed conversation with your Guidance Teacher to consider whether a HVLA course might be a suitable alternative.**

OPEN UNIVERSITY – YASS

The Open University's [Young Applicants in Schools Scheme](#) (YASS) gives S6 students in Scotland the unique opportunity to study a range of university level modules in school alongside their other studies. YASS is designed to bridge the gap between school and university, college or employment and helps motivated students stand out from the crowd. Key skills like time management and accessing electronic resources are developed. Registration for YASS modules is organised through the school, although students deal directly with The OU when it comes to their course work and assessment. All the OU YASS modules are at SCQF Level 7 – the same as Advanced Highers. However, modules are run over a shorter period of time, therefore the pace is more intense than Advanced Highers. It is recommended that the time devoted to YASS modules should be between 8 and 14 hours per week. **Anyone considering undertaking a YASS course/modules must discuss this in detail with their Guidance Teacher.**

SUBJECTS AND QUALIFICATIONS AT CULLODEN ACADEMY

The remainder of this booklet provides information about the subjects and qualifications that are on offer from departments at Culloden Academy. Mostly this is alphabetical by subject and then level, as below:

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Accounting - National 5 / Higher / Advanced Higher

Level of Study	National 5 / Higher / Advanced Higher
Entry Requirements	<p>National 5: Students should be recommended National 5 by their S3 Business teacher. They should also be sitting National 5 Maths in S4 or have passed National 5 Maths.</p> <p>Higher: Students will preferably have achieved National 5 Accounting, alternatively they should be sitting or have passed Higher Maths.</p> <p>Advanced Higher: Students should have passed Higher Accounting.</p>
Course Description	<p>This is a numerical subject which is divided into 2 units:</p> <ul style="list-style-type: none"> • Financial Accounting: Students will prepare financial statements—such as Income Statements— for a range of business organisations. • Management Accounting: Students will learn costing techniques—such as preparation of budgets— which will help with decision making within a business. <p>The main purpose of the Course is to enable learners to understand, and make use of, financial information so that they can prepare accounting statements and analyse, interpret and report on an organisation’s financial performance.</p>
Homework	<p>Students should regularly review classwork out of class.</p> <p>During the year student will receive regular homework to check understanding.</p> <p>As exams approach, students will be expected to complete revision work to ensure they are fully prepared.</p>
Progression	<p>Students can progress from National 5 – Higher – Advanced Higher</p> <p>Students may also progress onto a related Business Higher, such as Economics or Business Management.</p> <p>A number of local accountancy firms offer degree apprenticeship programs, where Students can qualify as a Chartered Accountant while working.</p> <p>Students who achieve National 5 in S4 have the option of progressing to a Foundation Apprenticeship Accountancy course at UHI</p> <p>There are a wide variety of accountancy degree courses at many Scottish universities.</p>
Further Information	www.cullodenbusiness.weebly.com

Administration - National 4 / National 5 / Higher

Level of Study	National 4 / National 5 / Higher
Entry Requirements	<p>National 5: Students should be recommended National 5 by their S3 Admin and IT teacher. They will also require a level of numeracy for creating spreadsheet calculations.</p> <p>Higher: Students will preferably have achieved National 5 level in Admin and IT, alternatively they should have achieved National 5 level in Maths.</p>
Course Description	<p>Administration and IT skills cut across all sectors of the economy and offer wide-ranging employment opportunities. This course provides candidates with experience of computer-based activities relevant to the world of work. It encourages candidates to organise their work effectively, be aware of current legislation and the importance of customer care.</p> <p>The course helps candidates to develop advanced administrative skills and digital literacy, enabling them to contribute to the effective functioning of organisations in supervisory administrative positions. They develop the ability to use a range of advanced software application functions covering word processing, spreadsheets, databases and emerging technologies.</p>
Homework	<p>There is a reduced amount of homework for this subject as it is computer-based.</p> <p>During the year students will receive theory homework to check understanding.</p> <p>As exams approach, students will be expected to complete theory revision work to ensure they are fully prepared.</p>
Progression	<p>Students can progress from National 4 – National 5 – Higher</p> <p>Students leaving school to begin a career will benefit from the practical IT knowledge gained which is now required in many workplaces.</p>
Further Information	www.cullodenbusiness.weebly.com

Architecture and Interior Design – Level 6 National Certificate

Level of Study	Level 6
Entry Requirements	Candidates should ideally have passed National 5 Graphic Communication. Capable pupils with good ICT skills, and a pass in either Design and Manufacture or Art at National 5, may also be considered.
Course Description	<p>NC Architecture and Interior Design is an ideal choice for pupils planning on progressing in this emerging and growing Industry.</p> <p>Culloden Academy is the first, and only, school in Scotland approved to deliver this qualification. The full combined award will be delivered over a period of two years, allowing pupils to experience a range of SQA units, developing their skills and knowledge in this creative industry. Pupils wishing to complete one year only can absolutely do so and will achieve a range of SQA units.</p> <p>The units based course also provides pupils the ideal opportunity to liaise with established industry professionals and build a portfolio of work for further education or employment.</p> <p>The course is assessed throughout with no final assignment or exam.</p> <p>Sample of units covered :</p> <p>Perspective Drawing and Rendering, 2D Digital Art, Introduction to Interior Design, Architectural Drafting, Sustainable Design, Modern Methods of Construction, Architectural Model Making.</p>
Homework	Homework will be given relating to projects and often research based on Chromebooks – expect this once to twice a project. Sketching should be something that is also practised at home to build on skills.
Progression	<ul style="list-style-type: none"> ● Advanced Higher Graphic Communication ● HNC/HND Architecture and Interior Design ● Degree level courses in Architecture and Interior Design
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Art & Design - National 4

Level of Study	National 4 Art & Design SCQF Level 4
Entry Requirements	Good work ethic and interest in Art & Design
Course Description	<p>Expressive and Design practical folios provide evidence of creative process and skill to be internally assessed. Personal choice of theme and project can lead to a selection of work inspired by the natural or built environment. In Expressive, portrait, still-life and landscape might be tackled using various techniques and media such as drawing, printmaking, painting, 3-D.....</p> <p>In Design, projects range from architecture to body adornment; jewellery design, textile design and graphic design to 3-D design areas. Recycling and sustainability are key.</p> <p>Building knowledge and understanding about the work of artists and designers informs practical work and provides evidence for assessment of critical studies.</p>
Homework	To meet deadlines and keep appropriate pace practical work can be completed and enhanced out-with class. The department has open access for the use of equipment and space outside class time. Critical Analysis homework helps preparation for the written assessment.
Progression	National 5 Art & Design NPA Photography
Further Information	<p>Art & Design courses build transferable skill –dexterity, organisation, innovation, independence, visualisation, focus, drive, communication, presentation, problem solving, initiative, resilience, observation..... along with skill, knowledge and understanding for creative industry while developing emotional intelligence and good mental health.</p> <p>Creative Industry brings to the UK economy more than £100bn annuallyit is a growth industry.</p>

Art & Design - National 5

Level of Study	National 5 Art & Design SCQF Level 5
Entry Requirements	Good work ethic. Proven ability in S3
Course Description	<p>Expressive and Design practical folios provide evidence of creative process and skill to be centrally marked by SQA. (80% of overall mark) Personal choice of theme and project can lead to a selection of work inspired by the natural or built environment. In Expressive, portrait, still-life and landscape might be tackled using various techniques and media such as drawing, printmaking, painting, 3-D.....</p> <p>In Design, projects range from architecture to body adornment; jewellery design, textile design and graphic design to 3-D design areas. Recycling and sustainability are key.</p> <p>Building knowledge and understanding about the work of artists and designers informs practical work and prepares for written exam. (20% of overall mark)</p>
Homework	To meet deadlines and keep appropriate pace practical work can be completed and enhanced out-with class. The department has open access for the use of equipment and space outside class time. Critical Analysis homework helps preparation for the written paper.
Progression	Higher Art & Design Higher Photography National Certificate at FE
Further Information	<p>Art & Design courses build transferable skill –dexterity, organisation, innovation, independence, visualisation, focus, drive, communication, presentation, problem solving, initiative, resilience, observation..... along with skill, knowledge and understanding for creative industry while developing emotional intelligence and good mental health.</p> <p>Creative Industry brings to the UK economy more than £100bn annuallyit is a growth industry.</p>

Art & Design - Higher

Level of Study	Higher Art & Design SCQF Level 6
Entry Requirements	Good work ethic. National 5 Art & Design or proven ability in S3
Course Description	<p>Expressive and Design practical folios provide evidence of creative process and skill to be centrally marked by SQA. (77% of overall mark) Personal choice of theme and project can lead to a selection of work inspired by the natural or built environment. Expressive, portrait, still-life and landscape might be tackled using various techniques and media such as drawing, printmaking, painting, 3-D.....</p> <p>In Design, projects range from architecture to body adornment; jewellery design, textile design and graphic design to 3-D design areas. Recycling, upcycling and sustainability are key.</p> <p>Building knowledge and understanding about the work of artists and designers informs practical work and prepares for written exam. (23% of overall mark)</p>
Homework	To meet deadlines and keep appropriate pace practical work should be completed and enhanced out-with class. The department has open access for the use of equipment and space outside class time. Critical Analysis homework helps preparation for the written paper and is crucial for success.
Progression	Advanced Higher Art & Design: Expressive, Advanced Higher Art & Design: Design, National Certificate at FE
Further Information	<p>Art & Design courses build transferable skill –dexterity, organisation, innovation, independence, visualisation, focus, drive, communication, presentation, problem solving, initiative, resilience, observation..... along with skill, knowledge and understanding for creative industry while developing emotional intelligence and good mental health.</p> <p>Creative Industry brings to the UK economy more than £100bn annuallyit is a growth industry.</p>

Art & Design - Advanced Higher: Design

Level of Study	Advanced Higher Art & Design: Design SCQF Level 7
Entry Requirements	Good work ethic. Higher Art & Design or proven ability
Course Description	<p>Design practical folios provide evidence of creative process and skill to be centrally marked by SQA. (70% of overall mark) Personal choice of theme and project can lead to a selection of work inspired by the natural or built environment. Architecture, animation, illustration, textile/fashion design, graphic design, jewellery design for example might be tackled using various styles, techniques and media from 2-D visual communication to 3-D design.</p> <p>Building knowledge and understanding about the work of artists and designers informs practical work and prepares for Contextual Analysis which is sent as part of the portfolio for assessment. (30% of overall mark) Project work is self-led encouraging independence and individual creativity. Termly critiques with at least 2 teaching staff check progress and encourage next steps while an end of year exhibition motivates and celebrates success.</p>
Homework	To meet deadlines and keep appropriate pace practical work should be completed and enhanced out-with class. The department has open access for the use of equipment and space outside class time. Research and critical analysis homework is crucial for progress and success.
Progression	National Certificate at FE, degree courses at FE and HE
Further Information	<p>AH in Art & Design is recommended to produce the folio of work required for Art School application with courses ranging from Architecture, Graphic Design, Product Design, Animation to Fine Arts and Fashion Design.</p> <p>Art & Design courses build transferable skill –dexterity, organisation, innovation, independence, visualisation, focus, drive, communication, presentation, problem solving, initiative, resilience, observation..... along with skill, knowledge and understanding for creative industry while developing emotional intelligence and good mental health.</p> <p>Creative Industry brings to the UK economy more than £100bn annuallyit is a growth industry.</p> <p>Outside links enhance folio work with workshops such as life drawing, printmaking, lecture program extra-curricular drawing classes and responsibilities for Art Club enriching experience.</p>

Art & Design - Advanced Higher: Expressive

Level of Study	Advanced Higher Art & Design: Expressive SCQF Level 7
Entry Requirements	Good work ethic. Higher Art & Design or proven ability
Course Description	<p>Expressive practical folios provide evidence of creative process and skill to be centrally marked by SQA. (70% of overall mark) Personal choice of theme and project can lead to a selection of work inspired by the natural or built environment. Expressive, portrait, still-life and landscape might be tackled using various styles, techniques and media in drawing, printmaking, painting, 3-D.....</p> <p>Building knowledge and understanding about the work of artists and designers informs practical work and prepares for Contextual Analysis which is sent as part of the portfolio for assessment. (30% of overall mark) Project work is self-led encouraging independence and individual creativity. Termly critiques with at least 2 teaching staff check progress and encourage next steps while an end of year exhibition motivates and celebrates success.</p>
Homework	To meet deadlines and keep appropriate pace practical work should be completed and enhanced out-with class. The department has open access for the use of equipment and space outside class time. Research and critical analysis homework is crucial for progress and success.
Progression	National Certificate at FE, degree courses at FE and HE
Further Information	<p>Art & Design courses build transferable skill –dexterity, organisation, innovation, independence, visualisation, focus, drive, communication, presentation, problem solving, initiative, resilience, observation..... along with skill, knowledge and understanding for creative industry while developing emotional intelligence and good mental health.</p> <p>Creative Industry brings to the UK economy more than £100bn annuallyit is a growth industry.</p> <p>Outside links enhance folio work with workshops such as life drawing, printmaking, lecture program extra-curricular drawing classes and responsibilities for Art Club enriching experience.</p>

Costume Design - Level 5

Level of Study	NPA Level 5
Entry Requirements	BGE Art and Design, BGE Drama
Course Description	<p>NPA Costume Design (SCQF 5) is an exciting new course which offers those interested in learning sewing machine skills and creating garments from a sewing pattern. The course also offers a great opportunity to create exciting garments through all kinds of textiles and surface decoration techniques. This is a good opportunity to create wildly imaginative and fantastical costumes and to gain invaluable experience in garment construction.</p> <p>This course relies upon continual assessment throughout the year rather than using end of year examinations.</p> <p>This course would appeal to anyone who is interested in developing an understanding of how to plan and create a garment and to those interested in working in the theatre, drama and entertainment sector. The course develops practical, technical and transferable skills and gives the opportunity to build skills and portfolios for progression to next level courses, art college applications and theatre related college study. Sewing machine skills, garment construction and textiles and surface design skills are all highly transferable and can lead to many different career pathways</p>
Homework	This course can largely be completed in class, however elements such as initial design ideas, resource gathering, practising skills, etc may need to be done outside of class time.
Progression	Higher Art and Design, College portfolio preparation
Further Information	For more information on this course, please come and chat to Ms. McCormack

Photography - Level 4 / Level 5 NPA

Level of Study	NPA Photography SCQF Level 4 or 5
Entry Requirements	The entry level for The National Progression Awards (NPAs) in Photography is for anyone who has an interest in photography and would like to develop their interest and skills further.
Course Description	The course consists of 4 mandatory units: Unit 1: Understanding Photography Unit 2: Photographing Places Unit 3: Photographing People Unit 4: Working with Photographs
Homework	Ongoing catch up of coursework in order to meet deadlines for completion of each unit. Monthly essays and critical analysis of photographer's work.
Progression	Upward progression from the NPA in Photography at SCQF level 4 could include a route via the NPA in Photography SCQF level 5, the NC in Photography level 6, the HNC/HND in Photography, and the BA Honours Degree in Photography.
Further Information	Visual literacy is a key attribute in today's world - Photography in Art & Design can deliver it.

Photography - Higher

Level of Study	Higher Photography SCQF Level 6
Entry Requirements	<p>The entry level for this course in order to achieve success is to have attained the skills, knowledge and understanding required by the following or equivalent qualifications and/or experience:</p> <ul style="list-style-type: none"> • Relevant photography units (SCQF level 5 and above). • National Progression Award in Photography (SCQF level 5). • National 5 Art and Design course or relevant units.
Course Description	<p>There are two components to the course: A question paper - 30 marks A practical Project - 100 marks Both of which are marked externally by SQA markers.</p> <ul style="list-style-type: none"> • You will learn how to plan and carry out practical photographic work, investigate selected photographers' work and practice and explain how external influences impact these. • You will then use this understanding of photographers and their work when developing your own personal approaches to photography. • You will learn and apply a range of image-making techniques, develop your creative problem-solving skills as you resolve visual and technical problems. • You will also reflect on and evaluate the effectiveness of your practice and the qualities of your photographic work.
Homework	<p>The following requirements are expected for homework: Practical work for the course and the projects; the practical project requires photoshoots to be completed on weekends as well as during school time. Critical and technical analysis of photographers and your own work; essays and analysis of photoshoots, as well as revision for written exam.</p>
Progression	<p>Advanced Higher Art & Design at school or progression to further qualifications in photography, art and design or related areas at a higher level at College or University. It could lead to employment and/or further training in photography or any other related creative industry.</p>
Further Information	<p>Visual literacy is a key attribute in today's world Photography in Art & Design can deliver it.</p>

Art & Design Drawing and Ceramics - Level 7 Units (S5/6 only)

Level of Study	SCQF Level 7 Units
Entry Requirements	Good work ethic. Proven ability using drawing and clay.
Course Description	<p>Observation Drawing Analytical drawing to a theme from objects and life. (not photos). A folio of drawing using different media and techniques will be produced each focussing on different visual elements. This folio will form visual research for development drawing.</p> <p>Developmental Drawing Developmental drawing will consider ideas for producing ceramic work based on the initial research. Work from artists and designers will be used as inspiration.</p> <p>Ceramic Hand Built Ceramic products will be made using hand building techniques; pinch, coil and slab. These works will have been inspired and developed from the thematic drawing folio. Creativity, personalisation and choice is key.</p>
Homework	To meet deadlines and keep appropriate pace practical work should be completed and enhanced out-with class. The department has open access for the use of equipment and space outside class time.
Progression	National Certificate at FE, degree courses at FE and HE in Art & Design
Further Information	<p>Art & Design courses build transferable skill –dexterity, organisation, innovation, independence, visualisation, focus, drive, communication, presentation, problem solving, initiative, resilience, observation..... along with skill, knowledge and understanding for creative industry while developing emotional intelligence and good mental health.</p> <p>Creative Industry brings to the UK economy more than £100bn annuallyit is a growth industry.</p> <p>Work produced could form part of a portfolio for entrance to courses beyond school, but enjoyment, mindfulness and good fun will be part of this practical course.</p>

Biology - National 5

Level of Study	National 5 Biology												
Entry Requirements	<p>Passed all the level 4 assessments in S3 Biology OR Passed all the level 4 Chemistry or Physics S3 assessments OR Pass in N4 Biology OR Pass in N5 Science related NPA of SfW course (with teacher recommendation) PLUS Strong performance in Maths at level 4/N4 Maths is highly recommended.</p>												
Course Description	<p>Biology, the study of living organisms, plays a crucial role in our everyday existence and is an increasingly important subject in the modern world. The N5 biology course consists of the following units:</p> <ul style="list-style-type: none"> • Cell biology - the key areas covered are: cell structure; transport across cell membranes; DNA and the production of proteins; proteins; genetic engineering; respiration. • Biology: multicellular organisms - the key areas covered are: producing new cells; control and communication; reproduction; variation and inheritance; transport systems — plants; transport systems — animals; absorption of materials. • Biology: life on Earth - the key areas covered are: ecosystems; distribution of organisms; photosynthesis; energy in ecosystems; food production; evolution of species. <p>The concepts studied follow on from the National 4 biology course, but to a much more complex level.</p> <p>Data and experimental analysis is a key part of this course. The course further develops numeracy and literacy skills, as well as allowing candidates to think creatively, analyse and solve problems.</p> <p>The course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question paper</td> <td>100</td> <td>80</td> <td>2hr 30 mins</td> </tr> <tr> <td>Assignment – practical followed by write up</td> <td>20</td> <td>20</td> <td>Write up - 1hr 30 mins</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Question paper	100	80	2hr 30 mins	Assignment – practical followed by write up	20	20	Write up - 1hr 30 mins
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Homework	<p>Pupils are expected to be regularly revising taught content on a weekly basis. In addition:</p> <ul style="list-style-type: none"> • Mandatory homework tasks are set at the end of each sub-unit in order to allow pupils to consolidate their class learning at home. • Optional extension homework is also provided in order to extend the learning of candidates. 												
Progression	<ul style="list-style-type: none"> • Higher Biology or Higher Human Biology (level 6) is a recommended progression route for those pupils who achieve a grade A or B at National 5 level. • NPA in Scientific technologies (level 6) is a recommended progression route for those pupils who achieve a grade C or D at National 5 level. • Employment 												
Further Information	<p>Practical work is regularly used where appropriate to consolidate learning, but the course is mainly theory based. Further information on the course can be found at: https://www.sqa.org.uk/sqa/47427.html or speak to any of the biology staff for further information.</p>												


Biology - Higher

Level of Study	Higher Biology															
Entry Requirements	Pass in N5 Biology at Grade A or B PLUS Minimum of N5 Maths is highly recommended.															
Course Description	<p>Biology, the study of living organisms, plays a crucial role in our everyday existence and is an increasingly important subject in the modern world.</p> <p>The Higher biology course consists of the following units:</p> <ul style="list-style-type: none"> • DNA and the Genome - the key areas covered are: structure of DNA, replication of DNA, gene expression, cellular differentiation, the structure of the genome, mutations, evolution, genomic sequencing. • Metabolism and survival - the key areas covered are: metabolic pathways cellular respiration, metabolic rate, metabolism in conformers and regulators, metabolism and adverse conditions, environmental control of metabolism, genetic control of metabolism. • Sustainability and interdependence - the key areas covered are: food supply, plant growth and productivity, plant and animal breeding, crop protection, animal welfare, symbiosis, social behaviour, components of biodiversity, threats to biodiversity. <p>The concepts studied follow on from the National 5 biology course, but to a much more complex level.</p> <p>Data and experimental analysis is a key part of this course. The course further develops numeracy and literacy skills, as well as allowing candidates to think creatively, analyse and solve problems.</p> <p>The course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question paper 1: multiple choice</td> <td>25</td> <td rowspan="2">80%</td> <td>40 mins</td> </tr> <tr> <td>Question Paper 2</td> <td>95</td> <td>2hr 20 mins</td> </tr> <tr> <td>Assignment – practical followed by write up</td> <td>20</td> <td>20%</td> <td>Write up - 2hr</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Question paper 1: multiple choice	25	80%	40 mins	Question Paper 2	95	2hr 20 mins	Assignment – practical followed by write up	20	20%	Write up - 2hr
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Homework	<p>Pupils are expected to be regularly revising taught content on a weekly basis. In addition:</p> <ul style="list-style-type: none"> • Mandatory homework tasks are set at the end of each sub-unit in order to allow pupils to consolidate their class learning at home. • Optional skills extension homework is also provided in order to extend the learning of candidates. 															
Progression	Advanced Higher Biology (level 7) is a recommended progression route for those pupils who achieve a grade A or B at Higher level.															
Further Information	<p>Practical work is regularly used where appropriate to consolidate learning, but the course is mainly theory based. During unit 3 we visit the Highland Wildlife park to learn more about biodiversity and the conservation of vulnerable species.</p> <p>Further information on the course can be found at: https://www.sqa.org.uk/files_ccc/HigherCourseSpecBiology.pdf or speak to any of the biology staff for further information. This course cannot be taken along with Higher Human Biology.</p>															

Human Biology - Higher

Level of Study	Higher Biology															
Entry Requirements	Pass in N5 Biology at Grade A or B PLUS Minimum of N5 Maths is highly recommended.															
Course Description	<p>Biology, the study of living organisms, plays a crucial role in our everyday existence and is an increasingly important subject in the modern world.</p> <p>The Higher human biology course consists of the following units:</p> <ul style="list-style-type: none"> • Human cells - the key areas covered are: division and differentiation in human cells, structure and replication of DNA, gene expression, mutations, human genomics, metabolic pathways, cellular respiration, energy systems in muscle cells. • Physiology and health - the key areas covered are: gamete production and fertilisation, hormonal control of reproduction, the biology of controlling fertility, antenatal and postnatal screening, the structure and function of arteries, capillaries and veins, the structure and function of the heart, pathology of cardiovascular disease (CVD), blood glucose levels and obesity. • Neurobiology and immunology - the key areas covered are: divisions of the nervous system and neural pathways, the cerebral cortex, memory, the cells of the nervous system and neurotransmitters at synapses, non-specific body defences, specific cellular defences against pathogens, immunisation, clinical trials of vaccines and drugs. <p>The concepts studied follow on from the National 5 biology course, but to a much more complex level.</p> <p>Data and experimental analysis is a key part of this course. The course further develops numeracy and literacy skills, as well as allowing candidates to think creatively, analyse and solve problems.</p> <p>The course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question paper 1: multiple choice</td> <td>25</td> <td rowspan="2">80%</td> <td>40 mins</td> </tr> <tr> <td>Question Paper 2</td> <td>95</td> <td>2hr 20 mins</td> </tr> <tr> <td>Assignment – practical followed by write up</td> <td>20</td> <td>20%</td> <td>Write up - 2hr</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Question paper 1: multiple choice	25	80%	40 mins	Question Paper 2	95	2hr 20 mins	Assignment – practical followed by write up	20	20%	Write up - 2hr
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Homework	Pupils are expected to be regularly revising taught content on a weekly basis. In addition mandatory homework tasks are set at the end of each sub-unit in order to allow pupils to consolidate their class learning at home.															
Progression	Advanced Higher Biology (level 7) is a recommended progression route for those pupils who achieve a grade A or B at Higher level.															
Further Information	<p>Practical work is regularly used where appropriate to consolidate learning, but the course is mainly theory based.</p> <p>Further information on the course can be found at: https://www.sqa.org.uk/files_ccc/HigherCourseSpecHumanBiology.pdf or speak to any of the biology staff for further information This course cannot be taken along with Higher Biology.</p>															

Health Sector: Skills for Work (National 4 and 5)

Level of Study	National 4 and 5
Entry Requirements	Interest and enthusiasm for the sciences.
Course Description	<p>This course is designed to encourage learners to consider a career in the health sector. The emphasis is to prepare learners for working in the health sector and develop employability skills valued by employers. Learners will develop a range of knowledge and skills required in this vocational area, investigate a range of job roles and career opportunities as well as participating in a mock job interview.</p>  <p>Learners will also develop a wide range of skills, including research and self-evaluation skills. There will be opportunities throughout all units to work on employability skills and attitudes, which will help prepare candidates for the workplace.</p> <p>There is no final exam at the end of this course. It is assessed at the end of each unit. Assessments include research projects and practical skill tasks.</p>
Homework	Pupils are expected to revise before unit assessments and catch up on missed work at home.
Progression	<ul style="list-style-type: none"> • NPA in Scientific technologies (level 6) • National 5 science course • Employment
Further Information	<p>A pass in this course is the equivalent to a grade C N5 pass.</p> <p>Speak to any of the science staff for further information.</p>

Laboratory Science: Skills for Work (National 5)

Level of Study	National 5
Entry Requirements	Interest and enthusiasm for the sciences.
Course Description	<p>The course provides a broad experiential introduction to laboratory science. Learners will explore a variety of industries and services, and career opportunities, in science laboratories locally, nationally, and globally.</p> <p>They will develop the basic practical skills and knowledge needed for working in a laboratory: measuring, weighing and preparing compounds and solutions; and health and safety requirements. Practical skills in microbiology, measuring radioactivity, chemical handling and laboratory instrumentation will also be developed.</p> <p>Learners will work with others to produce a plan to undertake a practical investigation to test scientific hypotheses. This will also involve reporting of the results, conclusions and evaluations of the investigation.</p> <p>Throughout the course there is an emphasis on the employability skills and attitudes valued by employers which will help to prepare learners for the workplace. Learners will review their own employability skills, and will seek feedback from others on their strengths and weaknesses.</p> <p>There is no final exam at the end of this course. It is assessed at the end of each unit. Assessments include research projects and practical skill tasks.</p>
Homework	Pupils are expected to revise before unit assessments and catch up on missed work at home.
Progression	<ul style="list-style-type: none"> • NPA in Scientific technologies (level 6) • National 5 science course • Employment
Further Information	<p>A pass in this course is the equivalent to a grade C N5 pass.</p> <p>Speak to any of the science staff for further information.</p>



Scientific Technologies - Higher

Level of Study	Higher										
Entry Requirements	N5 pass in any science subject at Grade C or above. Grade D at N5 may be considered OR Pass in NPA Practical Health Science Level 5 PLUS N4 level maths (highly recommended)										
Course Description	<p>Scientific Technologies gives the opportunities for pupils to develop the skills required to become competent to work in science-based industries - biological, biotechnology, chemical, environmental, food and drink, medical, oil and gas, pharmaceutical and renewable energy industries.</p> <p>The course consists of the following units:</p> <ul style="list-style-type: none"> • Laboratory Safety – this unit looks at common laboratory hazards and safety and security procedures in a specific laboratory. • Mathematics for Science– this unit looks at basic calculations used in science, algebraic methods and constructing statistical graphs and calculating statistical measures. • Fundamental Chemistry: An Introduction - this unit looks at the basic chemical principles associated with atomic structure, chemical formulae, acids and bases, the periodic table, and organic chemistry. • Experimental Procedures: Science- this unit involves planning, organising and completing a laboratory based project including the recording of experimental results and the processing of the data. <p>There is no final exam at the end of this course. It is assessed at the end of each unit as follows:</p> <table border="1"> <thead> <tr> <th>Unit</th> <th>Assessment</th> </tr> </thead> <tbody> <tr> <td>Laboratory Safety</td> <td>1. End of unit assessment 2. Demonstration of safe working practice</td> </tr> <tr> <td>Mathematics for Science</td> <td>1. End of unit assessment</td> </tr> <tr> <td>Fundamental Chemistry: An Introduction</td> <td>1. End of unit assessment 2. Perform experimental procedures</td> </tr> <tr> <td>Experimental Procedures: Science</td> <td>1. Perform experimental procedures 2. Investigation reports 3. Completion of lab book</td> </tr> </tbody> </table>	Unit	Assessment	Laboratory Safety	1. End of unit assessment 2. Demonstration of safe working practice	Mathematics for Science	1. End of unit assessment	Fundamental Chemistry: An Introduction	1. End of unit assessment 2. Perform experimental procedures	Experimental Procedures: Science	1. Perform experimental procedures 2. Investigation reports 3. Completion of lab book
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Experimental Procedures: Science	1. Perform experimental procedures 2. Investigation reports 3. Completion of lab book										
Homework	Pupils are expected to revise before unit assessments and catch up on missed work at home. Other homework tasks will be set as an when required.										
Progression	<ul style="list-style-type: none"> • Modern apprenticeship • HNC in Applied Science (college course) 										
Further Information	A pass in this course is the equivalent to a grade C Higher pass. Speak to any of the science staff for further information.										

Biology - Advanced Higher

Level of Study	Advanced Higher Biology												
Entry Requirements	Pass in Higher Biology at a minimum Grade C (but recommend a grade A or B) PLUS Minimum of N5 Maths is highly recommended.												
Course Description	<p>Biology, the study of living organisms, plays a crucial role in our everyday existence and is an increasingly important subject in the modern world.</p> <p>The Advanced Higher biology course consists of the following units:</p> <ul style="list-style-type: none"> • Cells and proteins - the key areas covered are: laboratory techniques for biologists, proteins, membrane proteins, communication and signalling, protein control of cell division. • Organisms and Evolution - the key areas covered are: field techniques for biologists, evolution, variation and sexual reproduction, sex and behaviour, parasitism. • Investigative biology - the key areas covered are scientific principles and process, experimentation, reporting and critical evaluation of biological research. <p>The concepts studied follow on from both the Higher biology and Higher Human biology courses, but to a much more complex level.</p> <p>Data and experimental analysis is a key part of this course. The course further develops numeracy and literacy skills, as well as allowing candidates to think creatively, analyse and solve problems.</p> <p>In addition, candidates carry out an in-depth investigation of a biology topic. Candidates are required to individually plan, carry out a biology investigation and then produce a project report.</p> <p>The course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark (scaled up)</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question paper</td> <td>100</td> <td>75%</td> <td>3 hours</td> </tr> <tr> <td>Project</td> <td>30</td> <td>25%</td> <td>n/a</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark (scaled up)	Duration	Question paper	100	75%	3 hours	Project	30	25%	n/a
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Question paper	100	75%	3 hours										
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Homework	Pupils are expected to be regularly revising taught content on a weekly basis. In addition mandatory homework tasks are set regularly in order to allow pupils to consolidate their class learning at home.												
Progression	University level course Employment												
Further Information	<p>Practical work is regularly used where appropriate to consolidate learning, but the course is mainly theory based.</p> <p>Pupils must be prepared to work more independently than previously expected.</p> <p>Further information on the course can be found at: https://www.sqa.org.uk/files_ccc/AHCourseSpecBiology.pdf or speak to any of the biology staff for further information.</p>												

Business Management - National 4 / National 5 / Higher / Advanced Higher

Level of Study	National 4 / National 5 / Higher / Advanced Higher
Entry Requirements	<p>National 5: Students should be recommended National 5 by their S3 Business teacher, or have passed English or a social subject at National 5 level.</p> <p>Higher: Students will preferably have achieved National 5 level in a Business subject, alternatively they should be sitting or have passed English or a social subject at National 5 level.</p> <p>Advanced Higher: Students should have passed Higher Business Management.</p>
Course Description	<p>The course looks at types of organisations in the Public, Private and 3rd Sector and evaluates their role in society and the factors which influence their decision making. It then goes on to consider in more detail the 4 main functions of any organisation; Marketing, Operations, Human Resources and Finance.</p> <p>Business Management is relevant to everybody, no matter what route their life takes. We all come into contact with business on a daily basis as consumers and will ultimately join the world of work as entrepreneurs, small business owners, managers and employees. This course will enable a pupil to understand how a business operates and the activities they undertake. It will also develop employability and enterprise skills.</p>
Homework	<p>Students should regularly review classwork out of class.</p> <p>During the year student will receive regular homework to check understanding.</p> <p>As exams approach, students will be expected to complete revision work to ensure they are fully prepared.</p>
Progression	<p>Students can progress from National 4 – National 5 – Higher – Advanced Higher</p> <p>Students leaving school to begin a career will benefit from an understanding of their place in the economy and the organisation.</p> <p>Students have the option of progressing to a Foundation Apprenticeship Business course at UHI</p> <p>There are a wide variety of Business degree courses at many Scottish universities.</p>
Further Information	<p>www.cullodenbusiness.weebly.com</p>

Computing: Game Design Level 5

Level of Study	Level 5
Entry Requirements	Candidates should have good numeracy skills and be able to think logically
Course Description	<p>The NPAs in Computer Games Development at levels 5 introduces learners to the genres, trends and emerging technologies of the computer games industry.</p> <p>This qualification covers core areas such as design, media assets and development. Coding is also an important part of this qualification and we will use the Scratch programming language for this. The award will improve learners' computational thinking skills — an area that is gaining recognition as a vital 21st century competence — and stimulate interest in computer science among young learners.</p>
Homework	Students will be able to further develop their ability in skills learned through practice out of school.
Progression	Student will be able to progress onto related IT courses.
Further Information	A pass in this course is equivalent to an N5 C grade.

Chemistry - National 5

Level of Study	National 5 Chemistry			
Entry Requirements	Passed all the level 4 assessments in S3 Chemistry OR Passed all the level 4 Biology or Physics S3 assessments OR Pass in N4 Chemistry OR Pass in N5 NPA Practical 'Health' Science (with teacher recommendation) PLUS Strong performance in Maths at level 4/N4 Maths is highly recommended.			
Course Description	Component	Marks	% of Total Mark	Duration
	Question paper	100	80	2hr 30 mins
	Assignment – practical followed by write up	20	20	Write up - 1hr 30 mins
	<p>The course content includes the following areas of chemistry:</p> <p>Chemical changes and structure: In this area, topics covered are: rates of reaction; atomic structure and bonding related to properties of materials; formulae and reacting quantities; acids and bases.</p> <p>Nature's chemistry: In this area, topics covered are: homologous series (e.g. alkanes and alkenes); everyday consumer products (alcohols and carboxylic acids); energy from fuels.</p> <p>Chemistry in society: In this area, topics covered are: metals; plastics; fertilisers; nuclear chemistry; chemical analysis.</p> <p>The aims of the course are for students to:</p> <ul style="list-style-type: none"> • develop and apply knowledge and understanding of chemistry • develop an understanding of the impact of chemistry on everyday life • develop an understanding of chemistry's role in scientific issues and relevant applications of chemistry, including the impact these could make on society and the environment • develop scientific inquiry and investigative skills • develop scientific analytical thinking skills in a chemistry context • develop the skills to use technology, equipment and materials, safely, in practical scientific activities • develop planning skills • develop problem-solving skills in a chemistry context • use and understand scientific literacy, in everyday contexts, to communicate ideas and issues and to make scientifically informed choices • develop the knowledge and skills for more advanced learning in chemistry • develop skills of independent working. 			
Homework	1. Independent homework – revision of course work (minimum 1 hour per week) 2. Twenty-five mandatory homeworks to complete over 40 weeks (~30-45 mins per homework)			
Progression	<p>Higher Chemistry (level 6) is a recommended progression route for those pupils who achieve a grade A or B at National 5 level.</p> <p>NPA in Scientific technologies (level 6) is a recommended progression route for those pupils who achieve a grade C or D at National 5 level.</p> <p>Other Further study, employment or training.</p>			
Further Information	Practical work is regularly used where appropriate to consolidate learning, but the course is mainly theory based. Further information on the course can be found at: https://www.sqa.org.uk/sqa/47428.html or speak to any of the chemistry staff for further information.			

Chemistry - Higher

Level of Study	Higher Chemistry			
Entry Requirements	Pass in N5 Chemistry at Grade A or B PLUS Minimum of N5 Maths is highly recommended.			
Course Description	Component	Marks	% of Total Mark	Duration
	Question paper 1 (multiple choice)	25	80	40 mins
	Question paper 2	95		2 hours 20 mins
	Assignment – practical followed by write up	20	20	Write up - 1hr 30 mins
<p>The course content includes the following areas of chemistry:</p> <p>Chemical changes and structure:</p> <ul style="list-style-type: none"> ◆ periodicity ◆ structure and bonding ◆ oxidising and reducing agents. <p>Nature's chemistry:</p> <ul style="list-style-type: none"> ◆ systematic carbon chemistry ◆ alcohols ◆ carboxylic acids ◆ esters ◆ fats and oils ◆ soaps ◆ detergents and emulsions ◆ proteins ◆ oxidation of food ◆ fragrances ◆ skin care. <p>Chemistry in society The topics covered are:</p> <ul style="list-style-type: none"> ◆ getting the most from reactants ◆ controlling the rate ◆ chemical energy ◆ equilibria ◆ chemical analysis. <p>Researching chemistry: ◆ common chemical apparatus ◆ general practical techniques ◆ reporting experimental work.</p> <p>This course allows candidates to acquire a deeper understanding of the central concepts of chemistry. Chemists play a vital role in the production of everyday commodities. Chemistry research and development are essential for the introduction of new products. The study of chemistry is of benefit not only to those intending to pursue a career in science, but also to those intending to work in areas such as the food, health or manufacturing industries.</p> <p>Experimental and investigative approaches develop knowledge and understanding of chemical concepts, with knowledge of chemical apparatus and techniques being a key course component.</p>				
Homework	1. Independent homework – revision of course work (2 hours per week) 2. 35 mandatory homeworks to complete over 40 weeks (~1 hour per homework)			
Progression	<p>Advanced Higher Chemistry (level 7) is a recommended progression route for those pupils who achieve a grade A or B at Higher level.</p> <p>Other Further study, employment or training.</p>			
Further Information	<p>Practical work is regularly used where appropriate to consolidate learning, but the course is mainly theory based.</p> <p>Further information on the course can be found at: https://www.sqa.org.uk/sqa/47913.html or speak to any of the chemistry staff for further information.</p>			

Chemistry - Advanced Higher

Level of Study	Advanced Higher Chemistry			
Entry Requirements	Pass in Higher Chemistry at a minimum Grade C (but recommend a grade A or B) PLUS Be doing or have passed Higher Maths strongly recommended.			
Course Description	Component	Marks	% of Total Mark	Duration
	Question paper	110	75	3 hrs
	Project	25	25	~ 15 – 20 hrs
	<p>The course content includes the following areas of chemistry:</p> <p>Inorganic chemistry:</p> <ul style="list-style-type: none"> ◆ electromagnetic radiation and atomic spectra ◆ atomic orbitals, electronic configurations and the periodic table ◆ transition metals. <p>Physical chemistry:</p> <ul style="list-style-type: none"> ◆ chemical equilibrium ◆ reaction feasibility ◆ kinetics Organic chemistry and instrumental analysis <p>The topics covered are:</p> <ul style="list-style-type: none"> ◆ molecular orbitals ◆ synthesis ◆ stereo chemistry ◆ experimental determination of structure ◆ pharmaceutical chemistry. <p>Researching chemistry:</p> <ul style="list-style-type: none"> ◆ common chemical apparatus ◆ skills involved in experimental work ◆ stoichiometric calculations ◆ gravimetric analysis ◆ volumetric analysis ◆ practical skills and techniques. <p>Data and experimental analysis is a key part of this course. The course further develops numeracy and literacy skills, as well as allowing candidates to think creatively, analyse and solve problems.</p> <p>In addition, candidates carry out an in-depth investigation of a chemistry topic. Candidates are required to individually plan, carry out a chemistry investigation and then produce a project report.</p>			
Homework	1. Independent homework – revision of course work (2-3 hours per week) 2. Fifteen mandatory homeworks to complete over 40 weeks (~2 hour per homework)			
Progression	Higher National Diploma (HND), or degree in Chemistry or a related area, such as medicine, law, dentistry, veterinary medicine, engineering, environmental and health sciences. A career in a Chemistry-based discipline or in a wide range of other areas. Further study, employment and/or training.			
Further Information	Students will complete the project experimental work and much of the report in their free time so an ability to work independently and plan time effectively is essential. Further information on the course can be found at: https://www.sqa.org.uk/sqa/48459.html or speak to any of the chemistry staff for further information.			

Creative Thinking – Level 6

Level of Study	Level 6
Entry Requirements	Level 6 is the equivalent to a Higher and demonstration to working at Level 6 would be recommended.
Course Description	<p>This new course celebrates the importance of creativity, problem-solving and critical thinking; meta-skills that will be required of a future workforce.</p> <p>It is the result of a collaboration between employers, creative agencies, teachers, lecturers, and students who came together and includes resources by contributors such as: LEGO, Whitespace, Ellen MacArthur Foundation, Amazerealise, Skyscanner, D&AD, Edinburgh Napier University, Edinburgh College, Glasgow School of Art and many more</p> <p>Creative thinking is deliberately gaining new insights and different ideas through existing information and research. Using a wide variety of strategies, ideating, and testing you discover new solutions for issues in every area of life, including at school and work.</p> <p>Creative thinking challenges our own assumptions, discover new things about ourselves and our perspective, stay mentally sharp, and even more optimistic. Creative thinking is at the heart of the innovative process and is an essential skill for everyone in this fourth industrial revolution.</p> <p>The course will be delivered through 3 major projects, and warm-ups. Learners are encouraged to think differently, break the rules, fail, collaborate and generate creative, innovative solutions and ideas.</p> <p>Assessment is never easy, and all too often prevents creativity rather than promoting it. The portfolio-based assessment encourages participants to focus on the process over outcome. This transparent approach reduces learner anxiety and encourages creative bravery and resilience.</p> <p>The ability to solve problems creatively is becoming increasingly valued in the employability world. This holds true in a variety of industries and in both the public and commercial sectors. Creating a variety of unique ideas based on research findings, developing innovative solutions and testing and implementing improvements are skills that workers and leaders in all fields will need to possess.</p>
Homework	<p>This course should be able to be completed in class time however elements such as survey, interviews, resource gathering etc may need to be done outside of class time.</p> <p>Many students enjoy the challenges and continue to work on them outside of class time, although this is not expected.</p>
Progression	
Further Information	For more information on this Course see www.daydreambelievers.co.uk

Construction - Level 5 Foundation Apprenticeship

Level of Study	Level 5
Entry Requirements	Pupils need to be considering entering into the construction trades after school.
Course Description	<p>The FA in Construction is a qualification that develops the skills, knowledge and attitudes, needed for work in the construction industry. It is especially suitable for learners with an aptitude for, and an interest in, practical crafts work.</p> <p>The Course provides an insight into two important construction trades, Carpentry and Joinery and Brick laying. This covers a variety of skills in trades-specific Units — helping learners to make informed choices regarding a career in construction.</p> <p>Along with this, pupils will experience a project set by Morrison Construction who will support candidates with experts to develop, deliver and complete within the school year.</p> <p>Learners will also develop skills and attitudes that enhance employability, not just for the construction industry, but employment generally (e.g. setting goals, reflecting, and learning from experience).</p> <p>The course is designed around pass/fail units. There is no written exam for this course.</p>
Homework	Research tasks surrounding the world of work and employability along with work for the project will be given out each term with clear deadlines to support their understanding of project management.
Progression	<ul style="list-style-type: none"> Candidates can progress to the new Level 5/6 Furniture making course here at Culloden Academy as long as the N5 Practical Woodworking course has been completed with a grade of B or above. <p>Typically, however, pupils can go to college for further education or they can apply for a full apprenticeship. This course would stand them in very good stead for this progression route while also given them direct links with an employer.</p>
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Design and Manufacture - National 4

Level of Study	National 4
Entry Requirements	Ideally the candidate should already be taking the subject in S3 although a capable pupil with a keen eye for sketching and ICT skills should be able to find success.
Course Description	<p>The aim of the course is to allow candidates to develop the skills and knowledge associated with Designing and Manufacturing.</p> <p>The course will teach candidates how to understand the design process from brief to design proposal and gain an appreciation of the properties and uses of materials, as well as a range of manufacturing processes and techniques. Which will enable candidates to develop in the following areas:</p> <ul style="list-style-type: none"> • skills in designing and manufacturing models, prototypes and products • knowledge and understanding of manufacturing processes and materials • an understanding of the impact of design and manufacturing technologies on our environment and society <p>The assessment for this course is structured as follows:</p> <ul style="list-style-type: none"> • Design and Manufacture: Design • Design and Manufacture: Materials and Manufacture • Design and manufacture assignment: Added Value Unit <p>Skills, Knowledge and Understanding:</p> <p>Candidates are encouraged to demonstrate in the Assignment Design and Assignment Practical their skills, knowledge and understanding of the design/make/test process and the importance of evaluating and resolving their own design proposals. The final body of work will deal with:</p> <ul style="list-style-type: none"> • analysing information • applying knowledge and understanding of: • idea-generation techniques • design factors • graphic techniques • modelling techniques • planning techniques • evaluation techniques • tools, materials, and processes • manufacturing techniques • knowledge and understanding of commercial manufacture • knowledge and understanding of the impact of a range of design and manufacturing technologies on our environment and society
Homework	Homework will be given relating to projects and often research based on Chromebooks – expect this once to twice a project. Sketching should be something that is also practise at home to build on skills.
Progression	<ul style="list-style-type: none"> • N5 Design and Manufacture • Higher Design and Manufacture • Furniture making Level 5 (if Practical Woodworking is completed to a grade B or above.) • Further studies at college/university
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Design and Manufacture - National 5

Level of Study	National 5 Design and Manufacture
Entry Requirements	Ideally the candidate should already be taking the subject in S3 although a capable pupil with a keen eye for sketching and ICT skills should be able to find success.
Course Description	<p>The aim of the course is to allow candidates to develop the skills and knowledge associated with Designing and Manufacturing.</p> <p>The course will teach candidates how to understand the design process from brief to design proposal. And gain an appreciation of the properties and uses of materials, as well as a range of manufacturing processes and techniques. Which will enable candidates to develop in the following areas:</p> <ul style="list-style-type: none"> • skills in designing and manufacturing models, prototypes and products • knowledge and understanding of manufacturing processes and materials • an understanding of the impact of design and manufacturing technologies on our environment and society <p>The assessment for this course is structured as follows:</p> <ul style="list-style-type: none"> • Question Paper – 80 marks (1 hour 45 mins) • Assignment Design – 55 marks (Folio of design, A3 pages) • Assignment Practical – 45 marks (Practical model of candidates' design) <p>Skills, Knowledge and Understanding:</p> <p>Candidates are encouraged to demonstrate in the Assignment Design and Assignment Practical their skills, knowledge and understanding of the design/make/test process and the importance of evaluating and resolving their own design proposals. The final body of work will deal with:</p> <ul style="list-style-type: none"> • analysing information • applying knowledge and understanding of: • idea-generation techniques • design factors • graphic techniques • modelling techniques • planning techniques • evaluation techniques • tools, materials, and processes • manufacturing techniques • knowledge and understanding of commercial manufacture • knowledge and understanding of the impact of a range of design and manufacturing technologies on our environment and society
Homework	Homework will be given relating to projects and often research based on Chromebooks – expect this once to twice a project. Sketching should be something that is also practise at home to build on skills.
Progression	<ul style="list-style-type: none"> • Higher Design and Manufacture • Furniture making Level 5 (if Practical Woodworking is completed to a grade B or above.) • Further studies at college/university
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Design and Manufacture - Higher

Level of Study	Higher
Entry Requirements	Ideally the candidate should already be taking the subject in S3 although a capable pupil with a keen eye for sketching, problem solving and at least average literacy ability due to the written exam and the need to annotate the assignment. A pass at Nat 5 Art Design or Graphic Communication or English would be ideal in the case of a S6 candidate.
Course Description	<p>The candidate will develop skills in the areas of:</p> <ul style="list-style-type: none"> • Research • Designing products • Knowledge and understanding of commercial manufacture • Knowledge and understanding of design factors • An understanding of the impact of design and manufacturing technologies on society, the environment and world of work. • The creation of effective test models and sketch models • The uses of different materials and how to identify them for effective commercial use. • Sketching initial concepts and how to improve folio layouts <p>The overriding theme is industrial design and its application in terms of thousands or tens of thousands of units being manufactured as opposed to bespoke designs.</p> <p>The student will expect to have their time split between folio and theory work and the overall mark will be split by the following:</p> <ul style="list-style-type: none"> • 80 for the question paper (2Hours 15 mins) • 90 for the final assignment.
Homework	Homework will be given relating to projects and often research based on Chromebooks – expect this twice a project. Sketching should be something that is also practise at home to build on skills, as should regular research in the press or other media of modern engineering practise.
Progression	<ul style="list-style-type: none"> • Higher Graphic Communication • Advanced Higher Design and Manufacture • Level 5 furniture making • Further studies at college/university
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Drama - National 4

Level of Study	National 4 Drama
Entry Requirements	Willingness to perform to an audience Excellent attendance Willingness to work in groups
Course Description	In N4 drama you will undertake three major projects: <ol style="list-style-type: none"> 1. Develop characters through the use of script 2. Run areas of technical theatre (lights/sound/costume/makeup etc.) for a performance 3. Devise a piece of theatre for an audience <p>Practical Exam: A scripted one act play to be performed with others</p>
Homework	Rehearsal of practical work out of class time (e.g. lunch / after school) Development of folio work as evidence for SQA
Progression	National 5 Drama
Further Information	

Drama - National 5

Level of Study	National 5 Drama
Entry Requirements	Willingness to perform to an audience Excellent attendance Willingness to work in groups
Course Description	<p>In N5 drama you will undertake three major projects:</p> <ol style="list-style-type: none"> 1. Developing detailed characters through the use of script 2. Running areas of technical theatre (lights/sound/costume/makeup etc.) to a professional capacity 3. Devising a piece of theatre for an audience <p>Practical Exam: A scripted one act play to be performed with others to an examiner - 60% OR Undertaking of a technical theatre role (lights/sound/makeup etc.) in conjunction with a performance for an examiner - 60%</p> <p>Written Exam: Evaluate your own work and develop a drama on paper - 40%</p>
Homework	Rehearsal of practical work out of class time (e.g. lunch / after school) Development of folio work as evidence for SQA Revision of vocabulary and written exam technique
Progression	<ul style="list-style-type: none"> • National Progression Award: Acting and Performance • National Progression Award: Technical Theatre (if interest shown) • National Progression Award: Professional Theatre Preparation may be an option in the pupil pathway. Requires discussion with the department.
Further Information	This course may also be picked up in 5 th and 6 th year.

Drama Acting and Performance - Level 6 NPA

Level of Study	NPA Level 6 Drama
Entry Requirements	National 5 Drama In certain circumstances students with performance experience out of school may be accepted.
Course Description	<p>You will undertake 2 units of work that develop the skills of a professional theatre maker through which you will:</p> <ol style="list-style-type: none"> 1. Rehearse and perform 2. Demonstrate theatre skills in performance 3. Demonstrate, in practical terms, knowledge and understanding of the roles within the theatre production team <p>Practical exam: A scripted one act play or scenes, to be performed with others.</p> <p>There is no written exam. Each outcome is assessed to Level 6 standard.</p>
Homework	Upkeep of folio work as required by the SQA Out of class rehearsals
Progression	NPA Professional Theatre Preparation
Further Information	<p>Each element of the course is assessed and each outcome must be achieved to progress to the next unit of work. The professionalism of the performer is assessed throughout the course in formal assessment to acquire this accreditation.</p> <p>It is essential that you are: Willing to perform to an audience Have excellent attendance Willing to work in groups</p>

Drama Professional Theatre Preparation - Level 6 NPA

Level of Study	NPA Level 6 Drama
Entry Requirements	NPA Acting and Performance In certain circumstances students with performance experience out of school may be accepted.
Course Description	<p>You will undertake 3 units of work that will enhance the skills of a professional actor:</p> <ol style="list-style-type: none"> 1. Preparation for Audition: wherein you will develop and perform 2 contrasting monologues. 2. Movement Skills: Investigation of different movement techniques which can be developed into a stylised / ensemble piece of theatre. 3. Acting Skills: engaging in workshops to investigate different styles of acting; Developing and perform 2 contrasting acting pieces to be performed under exam conditions. <p>There is no written exam. Each outcome is assessed to Level 6 standard.</p>
Homework	Upkeep of folio work as required by the SQA Out of class rehearsals
Progression	University and College Drama courses
Further Information	<p>Each element of the course is assessed and each outcome must be achieved to progress to the next unit of work. The professionalism of the performer is assessed throughout the course in formal assessment to acquire this accreditation.</p> <p>This course is designed to help pupils prepare for University and College Drama auditions.</p> <p>It is essential that you are: Willing to perform to an audience Have excellent attendance Willing to work in groups</p>

Drama Acting and Performance - Level 6 NPA (One unit only)

Level of Study	NPA Level 6 Drama – one unit only
Entry Requirements	National 3 or 4 Drama An enthusiasm for acting
Course Description	<p>This course is for students who wish to sit a single NPA unit. The delivery will be at an appropriate pace in order for pupils to access the course requirements successfully.</p> <p>You will undertake the Professional Theatre in Context Unit which will require you to:</p> <ol style="list-style-type: none"> 1. Investigate genres 2. Developed devised work 3. Investigate various roles in theatre making 4. See and analyse live theatre
Homework	Upkeep of folio work as required by the SQA
Progression	National 5 Progression to Acting and Performance second unit
Further Information	<p>Each element of the course is assessed and each outcome must be achieved to progress to the next unit of work. The professionalism of the performer is assessed throughout the course in formal assessment to acquire this accreditation.</p> <p>This course is suitable for 5th and 6th year pupils</p> <p>It is essential that you are: Willing to perform to an audience Have good attendance Willing to work in groups</p>

Drama - Higher

Level of Study	Higher
Entry Requirements	National 5 Drama National 5 or Higher English Willingness to perform to an audience Good grasp of English and analytical essay writing Willingness to work in groups and with partners Excellent attendance
Course Description	Higher drama: 1. Study and analysis of a set script. 2. Understanding acting techniques and creation of characters 3. In depth study of a professional performance Practical Exam: Two acting pieces performed in front of a visiting assessor and an audience (60%) Or Development of Design and execution for a technical role (makeup, lights etc) in relation to a script. Presentation and execution given to the visiting assessor. (60%) Written Exam: 1 analytical essay considering the set text 1 short question response in relation to the set text 1 analytical essay regarding the live performance studied during the year - 40%
Homework	Rehearsal of practical work out of class time (e.g. lunch / after school) Revision of vocabulary and written exam technique Practice questions in relation to the skills required for the essay.
Progression	National Progression Award: Professional Theatre Preparation National Progression Award: Technical Theatre (if interest shown) Further Study at University or College
Further Information	This course may be picked up in 5 th and 6 th year.

English - National 4

Level of Study	National 4
Entry Requirements	Level 3
Course Description	Pupils develop their reading, writing, talking and listening skills, through working on a range of language and literature contexts. The course assessment is made up of four units: Creation and Production; Analysis and Evaluation; Added Value; and Literacy. These are assessed on a pass/fail basis.
Homework	Some homework is required.
Progression	National 5 or Bridge.
Further Information	

English - National 5

Level of Study	National 5
Entry Requirements	National 4 English or Level 4 in S3
Course Description	Pupils develop their reading, writing, talking and listening skills, through working on a range of language and literature contexts. Course assessment is made up of a writing folio (30%) which is submitted to the SQA, and an exam which assesses close reading skills (30%), and literature study (40%). There is also a school-based talking and listening assessment.
Homework	Regular homework is required.
Progression	Higher English
Further Information	

English – Language and Media (S5/6 ONLY)

Level of Study	This course offers a variety of unit and course qualifications, dependent on each pupil's previous achievement. This may include level 5/6 Communication, N5 Literacy Units, National 4 Media Studies and preparation, if appropriate, for National 5 level.
Entry Requirements	Pass in National 3 or 4 English, C or D in National 5 English
Course Description	Pupils develop their reading, writing, talking and listening skills, through working on a range of language and literature contexts, with an emphasis on media resources.
Homework	Some homework is required
Progression	This will vary according to achievement
Further Information	

English – Bridge to Higher (S5/6 ONLY)

Level of Study	This course offers unit and course qualifications, dependent on each pupil's previous achievement. This includes Higher English Units and presentation, if appropriate, for Higher level.
Entry Requirements	C in National 5 English
Course Description	Pupils develop their independent reading, writing, talking and listening skills, through working on a range of language and literature contexts with an emphasis on media resources. Higher Units are made up of internal reading, writing, talking and listening assessments. The course assessment is a writing folio (30%) which is submitted to SQA, and an exam which assesses close reading skills (30%), and literature study (40%). There is also a school-based talking and listening assessment.
Homework	Significant homework is required.
Progression	This will vary according to achievement
Further Information	

English - Higher

Level of Study	Higher
Entry Requirements	National 5 A-C in English
Course Description	Pupils develop their independent reading, writing, talking and listening skills, through working on a range of language and literature contexts. Course assessment is made up of a writing folio (30%) which is submitted to SQA, and an exam which assesses close reading skills (30%), and literature study (40%). There is also a school-based talking and listening assessment.
Homework	Significant homework is required.
Progression	Advanced Higher
Further Information	

English - Advanced Higher

Level of Study	Advanced Higher
Entry Requirements	Higher A or B pass in English
Course Description	This course focuses on the critical and creative study of complex and sophisticated literature and language. It gives candidates opportunities to add specialism, depth and independence to their English and study skills. There is opportunity for personalisation and choice, and freedom within the course to plan according to the needs of candidates, taking account of their interests and motivations. Course assessment is made up of a Dissertation(30%); Textual Analysis (20%); Critical Essay (20%); Two Folio Pieces (30%).
Homework	Significant homework is required.
Progression	
Further Information	From Department

Economics - Higher

Level of Study	Higher
Entry Requirements	Higher: Students will preferably have achieved an A or B at National 5 level or passed at Higher level in a related Business subject, such as Business Management or Accounting. Alternatively, they should have passed English or a social subject such as Modern Studies at Higher level.
Course Description	<p>The course is divided into the following 3 units:</p> <ul style="list-style-type: none"> • Economics of the market: Students develop their understanding of how to analyse the basic economic problem. They examine and analyse how demand and supply drives resource allocation and economic production. • UK economic activity: Students develop their understanding of how to analyse government income and expenditure. They evaluate the role of the public and private sectors in the economy. Candidates develop the ability to assess the policies and other methods used by the UK government to achieve its economic aims. • Global economic activity: Students develop their understanding of how to analyse the global nature of economics. They explore global trade and its importance to the UK economy. Candidates examine economic features and impacts of developing countries, emerging economies, global institutions and the EU.
Homework	<p>Students should regularly review classwork out of class.</p> <p>During the year student will receive regular homework to check understanding.</p> <p>As exams approach, students will be expected to complete revision work to ensure they are fully prepared.</p>
Progression	<p>Students can also progress onto a related Business Higher such as Business Management or Accounting.</p> <p>Students leaving school will benefit from having gained an understanding of their place within the economy and key concepts such as unemployment, inflation and types of taxation.</p> <p>There are a wide variety of Business degree courses at many Scottish universities.</p>
Further Information	www.cullodenbusiness.weebly.com

Furniture Making - Level 5 NPA

Level of Study	Level 5 NPA
Entry Requirements	Pupils should have already completed N5 practical woodwork with a B grade or higher to begin this course.
Course Description	<p>Furniture at SCQF level 5 develops basic skills in furniture design and manufacture. It focuses on practical activities such as carcass making, veneering, polishing, drawing and machine woodworking, carried out in a realistic work environment.</p> <p>This course will further progress their skills from N5 Practical woodworking and also introduce new machinery and techniques to a professional standard. There will be an element of 3D CAD work to complete to aid the construction of the projects.</p> <p>The course is designed around pass/fail units up to a final Level 6 project as an assignment. There is no written exam for this course.</p>
Homework	Research tasks surrounding the world of work and employability will be given throughout the course, around twice a term and research for projects will also be carried out for each project through the year.
Progression	Typically pupils can go to college for further education or they can apply for an apprenticeship. This course would stand them in very good stead for this progression route.
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Geography - National 4 / National 5

Level of Study	National 4/5																		
Entry Requirements	<ul style="list-style-type: none"> • Proven ability in S3 • Good literacy and numeracy skills for information processing • Genuine interest in this subject. • Strong performance in English and Maths at level 4/N5 is highly recommended 																		
Course Description	<p>Geography is the study of places and the relationship between people and their environments. Geography helps you understand where things are found where they are, why they are there and how things have developed and changed over time.</p> <p>The National course covers three areas of study</p> <p>Physical Environments</p> <ul style="list-style-type: none"> • Weather • Limestone Landscapes • River Landscapes • Land Use Conflicts <p>Human Environments</p> <ul style="list-style-type: none"> • Population and Development • Urban geography • Rural geography • Case studies in developed and developing countries. <p>Global Issues</p> <ul style="list-style-type: none"> • Environmental Hazards: Earthquakes, volcanoes and tropical storms. • Health: World diseases, AIDS, heart disease and malaria. <p>The N5 course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question Paper - May</td> <td>80</td> <td>80</td> <td>2hr 20 mins</td> </tr> <tr> <td>Assignment - February</td> <td>20</td> <td>20</td> <td>1 hour</td> </tr> </tbody> </table> <p>The N4 course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Assessment</th> </tr> </thead> <tbody> <tr> <td>Three Unit Assessments, one for each topic</td> <td>Internally assessed on a pass / fail basis</td> </tr> <tr> <td>Added Value Unit</td> <td>Internally assessed on a pass / fail basis</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Question Paper - May	80	80	2hr 20 mins	Assignment - February	20	20	1 hour	Component	Assessment	Three Unit Assessments, one for each topic	Internally assessed on a pass / fail basis	Added Value Unit	Internally assessed on a pass / fail basis
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Homework	<ul style="list-style-type: none"> • Students are expected to regularly read over class notes, textbooks and resources posted on the Google Classroom on a weekly basis. • Students will be expected to complete formal assessed pieces of work which help prepare them for the formal exam and Assignment. • Students are issued with resources which they should be completing as we progress through topics 																		
Progression	<ul style="list-style-type: none"> • National 5 candidates are recommended for Higher Geography • National 4 candidates are recommended for National 5 Geography • An alternative Social Subjects at the appropriate level 																		
Further Information	Students are either presented at either National 4 or National 5 level. The final level of presentation is determined by classwork, homework, end of unit assessments and prelim grade in January.																		

Geography - Higher

Level of Study	Higher															
Entry Requirements	<ul style="list-style-type: none"> • Should have a strong performance in N5 Geography, or another Social Subjects or National 5 English. • Good literacy skills and numeracy skills. • Genuine interest in this subject. 															
Course Description	<p>Higher Geography helps us understand the globalised world in which we live and learn about the issues which impact upon us all from migration, climate change to pandemics.</p> <p>The Higher course covers three areas of study</p> <p>Physical Environments</p> <ul style="list-style-type: none"> • Atmosphere • Hydrosphere • Lithosphere • Biosphere <p>Human Environments</p> <ul style="list-style-type: none"> • Population • Rural • Urban <p>Global Issues</p> <ul style="list-style-type: none"> • Development and Health • Global climate change <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question paper 1:</td> <td>100</td> <td rowspan="2">73%</td> <td>1hr 50 mins</td> </tr> <tr> <td>Question Paper 2:</td> <td>60</td> <td>1hr 10 mins</td> </tr> <tr> <td>Assignment – research followed by write up</td> <td>30</td> <td>27%</td> <td>1hr 30 mins</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Question paper 1:	100	73%	1hr 50 mins	Question Paper 2:	60	1hr 10 mins	Assignment – research followed by write up	30	27%	1hr 30 mins
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Assignment – research followed by write up	30	27%	1hr 30 mins													
Homework	<ul style="list-style-type: none"> • Students are expected to regularly read over class notes, textbooks and resources posted on the Google Classroom. • It is expected that Higher students spend approximately 3 hours per week on this reinforcement of class lessons. • In addition, students will be expected to complete formal assessed pieces of work which help prepare them for the formal exam. 															
Progression	<ul style="list-style-type: none"> • Higher in another Social Subject • University or college • Employment 															
Further Information	Students are presented at Higher level and will either sit the examinations or complete SQA unit assessments if studying over two years. The final level of presentation is determined by classwork, homework, end of unit assessments and prelim grade.															

Graphic Communication - National 4

Level of Study	National 4
Entry Requirements	Ideally the candidate should already be taking the subject in S3 although a capable pupil with a keen eye for sketching and ICT skills should be able to find success.
Course Description	<p>The course is separated into three main sections of study:</p> <ul style="list-style-type: none"> • Preliminary Graphics- Sketching and idea generation. • Production Graphics- Technical graphics, 3D modelling and Architecture. • Promotional Graphics- Desktop Publishing, Manual and Computer Rendering. <p>The course will teach candidates how to effectively use manual and computer methods to produce visual graphics to a high standard that communicate information to different people. This course is designed to give candidates an opportunity to show creativity, whilst also learning about global design and working in this innovative and growing industry.</p> <p>The course is broken down into 3 assessable areas:</p> <ul style="list-style-type: none"> • 2D Graphic Communication • 3D and Pictorial Graphic Communication • Graphic Communication assignment
Homework	Homework will be given relating to projects and often research based on Chromebooks – expect this once to twice a project. Sketching should be something that is also practise at home to build on skills.
Progression	<ul style="list-style-type: none"> • N5 Graphic Communication • Higher Graphic Communication • Further studies at college/university
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Graphic Communication - National 5

Level of Study	National 5 Graphic Communication
Entry Requirements	Ideally the candidate should already be taking the subject in S3 although a capable pupil with a keen eye for sketching and ICT skills should be able to find success.
Course Description	<p>The course is separated into three main sections of study:</p> <ul style="list-style-type: none"> • Preliminary Graphics- Sketching and idea generation. • Production Graphics- Technical graphics, 3D modelling and Architecture. • Promotional Graphics- Desktop Publishing, Manual and Computer Rendering. <p>The course will teach candidates how to effectively use manual and computer methods to produce visual graphics to a high standard that communicate information to different people. This course is designed to give candidates an opportunity to show creativity, whilst also learning about global design and working in this innovative and growing industry.</p> <p>The course is broken down into 2 assessable areas: Course folio assignment – 40 marks Written paper – 80 marks (2 Hours)</p>
Homework	Homework will be given relating to projects and often research based on Chromebooks – expect this once to twice a project. Sketching should be something that is also practise at home to build on skills.
Progression	<ul style="list-style-type: none"> • Higher Graphic Communication • Advanced Higher Graphic Communication • Further studies at college/university
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Graphic Communication - Higher

Level of Study	Higher Graphic Communication
Entry Requirements	Candidates should ideally have passed National 5 Graphic Communication. Capable pupils with good ICT skills, and a pass in either Design and Manufacture or Art at National 5, may also be considered.
Course Description	<p>The course is separated into three main sections of study:</p> <ul style="list-style-type: none"> • Preliminary Graphics- Manual/digital sketching, drawing and rendering. • Production Graphics- Technical graphics, 3D CAD modelling and Architecture. • Promotional Graphics- Desktop Publishing, Graphic Design. <p>The course will teach candidates how to effectively use manual and computer methods to produce visual graphics, to a high standard, that communicates information to different people. This course is designed to give candidates an opportunity to show creativity, whilst also learning about global design and working in this innovative and growing industry.</p> <p>The course will be assessed by the following:</p> <ul style="list-style-type: none"> • Assignment – 50 marks • Question paper – 90 marks (2hrs 30mins)
Homework	Homework will be given relating to projects and often research based on Chromebooks – expect this once to twice a project. Sketching should be something that is also practise at home to build on skills.
Progression	<ul style="list-style-type: none"> • Advanced Higher Graphic Communication • Further studies at college/university
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Graphic Communication - Advanced Higher

Level of Study	Advanced Higher
Entry Requirements	Candidates must have passed Higher Graphic Communication.
Course Description	<p>The course is separated into two main sections of study:</p> <ul style="list-style-type: none"> • Technical Graphics <p>Candidates develop creativity and evaluation skills in technical graphics through manual and electronic-based activities. They explore the purpose, application and audience requirements of technical graphics and apply graphic communication skills, knowledge and understanding to plan, produce and evaluate technical graphic techniques and technologies. They also explore the use of detailed 2D and 3D graphics in modelling, graphic visualisation and technical/mechanical animation.</p> <ul style="list-style-type: none"> • Commercial and Visual Media Graphics <p>Candidates develop skills and techniques to create effective commercial and visual media graphic communications and explore their application in publishing and promotion. Candidates review, evaluate, amend and present their work, and develop a deep understanding of the needs of the intended audience.</p> <p>The course will be assessed by the following:</p> <ul style="list-style-type: none"> • question paper 90 (2 hrs and 30 mins) • project 90
Homework	Homework will be given relating to projects and often research based on Chromebooks
Progression	Further studies at University
Further Information	

HE Hospitality - Level 4/5

Level of Study	Level 4/5
Entry Requirements	N/A
Course Description	<p>In this course you will learn what it takes to be a successful member of a hospitality team by gaining experience working with local hotels. You will be given specialist opportunity to develop skills and is useful for anyone considering career progression to vocational areas of care, hospitality or the food industry. You will learn skills in problem solving, personal effectiveness in real-life situations and working with others.</p> <p>The emphasis throughout all the units is on employability skills and attitudes, which help prepare you for working in the hospitality industry</p> <p>There is no external examination for this course but all units are internally assessed on a pass/fail basis.</p> <p>The nature of the course is such that it will be necessary, on occasion, for you to be present at events run at lunchtimes and/or in the evening.</p>
Progression	Higher
Further Information	

HE Bakery - Level 4

Level of Study	Level 4
Entry Requirements	N/A
Course Description	<p>The National Progression Award (NPA) in Bakery at SCQF level 4 develops practical bakery skills in craft baking, bread making, cake decoration and pastry making. This award is aimed at candidates who are interested in pursuing a career in the bakery or catering industries.</p> <p>The course consists of four mandatory units –</p> <ol style="list-style-type: none"> 1. Bread Making L4 – Pupils will learn about different methods of bread making. Pupils will make a range of breads using different flours. 2. Cake Decorating L4 – Pupils will learn how to apply a range of decorative cake decoration techniques on a range of cakes. 3. Craft Baking L4 – Pupils will learn how to make a range of products using powder goods, yeast goods, cakes, puff pastry, short and sweet pastry. 4. Pastry L5- Pupils will learn how to make a range of pastry products; choux, puff, short and sweet pastry.
Homework	<p>Homework will take a variety of different forms dependent on the classroom activity. It is expected pupils practise recipes at home to gain confidence and develop their skills. Pupils will need to keep their portfolio of practical activities updated, this can be done as homework. Pupils may also use time at home to research a range of bakery techniques by watching YouTube demonstrations or other suitable TV programmes.</p>
Further Information	

History - National 4 / National 5

Level of Study	National 4/5																		
Entry Requirements	<ul style="list-style-type: none"> • Proven ability in S3 • Good literacy skills. • Genuine interest in this subject. • Strong performance in English at level 4/N5 is highly recommended 																		
Course Description	<p>History is the study of events in the past and how these have shaped our modern world. The past causes the present, so the future. History develops your literacy, analytical and critical thinking skills.</p> <p>The National course covers three areas of study.</p> <p>Scottish section - The Era of the Great War 1910-1924</p> <ul style="list-style-type: none"> • Scots on the Western Front • Domestic impact of war: society and culture. • Domestic impact of war: industry and economy. • Domestic impact of war: politics <p>British Section - The Atlantic Slave Trade 1770-1807</p> <ul style="list-style-type: none"> • The Triangular Trade • Britain and the Caribbean • The captive's experience and slave resistance • The abolitionist campaigns <p>European and the World Section - USA 1850-1880</p> <ul style="list-style-type: none"> • Reasons for Westwards Expansion • Slavery and the Civil War • Reconstruction, African-Americans and Southern reaction to defeat 1865-78 • The defeat and demise of the Native Americans of the Plains <p>The N5 course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question Paper - May</td> <td>80</td> <td>80</td> <td>2hr 20 mins</td> </tr> <tr> <td>Assignment - February</td> <td>20</td> <td>20</td> <td>1 hour</td> </tr> </tbody> </table> <p>The N4 course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Assessment</th> </tr> </thead> <tbody> <tr> <td>Three Unit Assessments, one for each topic</td> <td>Internally assessed on a pass / fail basis</td> </tr> <tr> <td>Added Value Unit</td> <td>Internally assessed on a pass / fail basis</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Question Paper - May	80	80	2hr 20 mins	Assignment - February	20	20	1 hour	Component	Assessment	Three Unit Assessments, one for each topic	Internally assessed on a pass / fail basis	Added Value Unit	Internally assessed on a pass / fail basis
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Component	Assessment																		
Three Unit Assessments, one for each topic	Internally assessed on a pass / fail basis																		
Added Value Unit	Internally assessed on a pass / fail basis																		
Homework	<ul style="list-style-type: none"> • Students are expected to regularly read over class notes, textbooks and resources posted on the Google Classroom on a weekly basis. • Students will be expected to complete formal assessed pieces of work which help prepare them for the formal exam and Assignment. • Students are issued with a revision booklet which they should be completing as we progress through topics 																		
Progression	<ul style="list-style-type: none"> • National 5 candidates are recommended for Higher History • National 4 candidates are recommended for National 5 • An alternative Social Subjects at the appropriate level 																		
Further Information	Students are either presented at either National 4 or National 5 level. The final level of presentation is determined by classwork, homework, end of unit assessments and prelim grade in January.																		

History - Higher

Level of Study	Higher															
Entry Requirements	<ul style="list-style-type: none"> • Pass at N5 History, or another Social Subjects PLUS • Minimum of a N5 English is highly recommended or • Pass at Higher Modern Studies, RMPS or Geography • Good literacy skills. Genuine interest in this subject 															
Course Description	<p>History is a literacy rich subject which develops student's ability to read critically, write analytically, question everything and evaluate the consequences of past events on the world in which we live.</p> <p>The course covers three areas of study:</p> <p>Scottish section – Migration and Empire, 1830 – 1939</p> <ul style="list-style-type: none"> • The migration of Scots – push and pull reasons • The experience of immigrants in Scotland • The impact of Scots emigrants on the Empire • The effects of migration and empire on Scotland to 1939 <p>British section – Britain, 1851 – 1951</p> <ul style="list-style-type: none"> • An assessment of how and why Britain became more democratic between the years of 1867 – 1928 including an evaluation of why women were given the right to vote in 1918 • An evaluation of the reasons why the Liberals introduced social welfare reforms, 1906 – 14 and how effectiveness these reforms were in solving poverty. • An assessment of the effectiveness of the Labour reforms. 1945 – 51 <p>European and World Germany, 1919-1939 & The Cold War, 1945 – 1989</p> <ul style="list-style-type: none"> • An evaluation of the reasons why the Nazis achieved power in 1933 and how they were able to stay in power, 1933 – 1939 • An evaluation of the reasons for the emergence of the Cold War, to 1955 • An assessment of the effectiveness of Soviet policy in controlling Eastern Europe, to 1961 • An evaluation of the reasons for the Cuban Missile Crisis of 1962 • An evaluation of the reasons why the US lost the war in Vietnam <p>The course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question paper 1: Essays</td> <td>44</td> <td rowspan="2">73%</td> <td>1hr 30 mins</td> </tr> <tr> <td>Question Paper 2: Source work</td> <td>36</td> <td>1hr 30 mins</td> </tr> <tr> <td>Assignment – research followed by write up</td> <td>30</td> <td>27%</td> <td>1hr 30 mins</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Question paper 1: Essays	44	73%	1hr 30 mins	Question Paper 2: Source work	36	1hr 30 mins	Assignment – research followed by write up	30	27%	1hr 30 mins
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Question Paper 2: Source work	36		1hr 30 mins													
Assignment – research followed by write up	30	27%	1hr 30 mins													
Homework	<ul style="list-style-type: none"> • Students are expected to regularly read over class notes, textbooks and resources posted on the Google Classroom. • It is expected that Higher students spend approximately 3 hours per week on this reinforcement of class lessons and private reading. • Students will be expected to complete formal assessed pieces of work which help prepare them for the formal exam. 															
Progression	<ul style="list-style-type: none"> • Advanced Higher or Higher in another Social Subject 															
Further Information	Students are presented at Higher level and will either sit the examinations or complete SQA unit assessments if studying over two years. The final level of presentation is determined by classwork, homework, end of unit assessments and prelim grade.															

History - Advanced Higher

Level of Study	Advanced Higher									
Entry Requirements	<ul style="list-style-type: none"> • Strong performance in Higher History • Passed Higher English or another Social Subject. • Genuine interest in this subject and enjoys reading historical books 									
Course Description	<p>Advanced Higher History provides students with the opportunity to study a topic in considerable depth. This helps to develop the skill of analysing complex historical issues, evaluating sources, and drawing conclusions. The depth of study enables students to engage in historical debate and thereby develop a deeper appreciation of the forces which have shaped historical developments.</p> <p>The field of study we focus on is Russia: from Tsarism to Stalinism, 1924-1945 This is a study of political ideology as found in the Communist state, the changing nature of authority; and the policy outcomes of that authority. Themes are ideology, authority and revolution.</p> <p>In depth study focusses on;</p> <ul style="list-style-type: none"> • Tsarist Russia, the impact of World War One and collapse of Autocracy. • Bolshevik rise to power, including: the condition of society in the years immediately before Revolution; the February Revolution and Bolshevik reactions to it; the causes, nature and immediate consequences of the October Revolution Lenin and the consolidation of power, including: the withdrawal from the First World War; the Civil War and the reasons for Bolshevik victory; changing economic policy from War Communism to the New Economic Policy; the political development of the Soviet state; foreign policy under Lenin • the making of the Stalinist system, including: Stalin's struggle for power with his rivals; the policies of industrialisation and collectivisation; the Purges • the spread of Stalinist authority, including: political, social and cultural aspects of the Stalinist state; Russia and the Great Patriotic War <table border="1"> <thead> <tr> <th>Component</th> <th>Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question paper</td> <td>90</td> <td>3 hours</td> </tr> <tr> <td>Dissertation</td> <td>50</td> <td>4000 words</td> </tr> </tbody> </table>	Component	Mark	Duration	Question paper	90	3 hours	Dissertation	50	4000 words
Component	Mark	Duration								
Question paper	90	3 hours								
Dissertation	50	4000 words								
Homework	<ul style="list-style-type: none"> • Students are expected to regularly read over class notes, textbooks and resources posted on the Google Classroom on a weekly basis. • Students will be expected to complete formal assessed pieces of work which help prepare them for the formal exam and Assignment. • There is a considerable amount of personal reading on this topic and students are expected to carry out the majority of this in their own time and during non-contact blocks. 									
Progression	<ul style="list-style-type: none"> • University • Employment 									
Further Information	Students need to have a mature work ethic, be capable of working independently if they are to be successful at this level.									

Mathematics - National 4

Level of Study	National 4 Mathematics
Entry Requirements	National 3 Mathematics course award and teacher recommendation
Course Description	<p>This Course will develop skills for further learning, as well as skills for life and work and consists of four units.</p> <p>Mathematics: Expressions and Formulae (National 4) The general aim of this Unit is to develop skills linked to straightforward mathematical expressions and formulae. These include the manipulation of abstract terms, the simplification of expressions and the evaluation of formulae.</p> <p>Mathematics: Relationships (National 4) The general aim of this Unit is to develop skills linked to straightforward mathematical relationships. These include solving equations, understanding graphs and working with trigonometric ratios.</p> <p>Numeracy (National 4) The general aim of this Unit is to develop learners' numerical and information handling skills to solve straightforward, real-life problems involving number, money, time and measurement. As learners tackle real-life problems, they will decide what numeracy skills to use and how to apply these skills to an appropriate level of accuracy. Learners will also interpret graphical data and use their knowledge and understanding of probability to identify solutions to straightforward real-life problems involving money, time and measurement. Learners will use their solutions to make and explain decisions.</p> <p>Mathematics Test (National 4) This is the Added Value Unit of the National 4 Mathematics Course. The general aim of this Unit is to enable the learner to provide evidence of understanding of the National 4 Mathematics Course through the successful completion of a test which will allow the learner to demonstrate breadth and challenge.</p> <p>There is no final exam for this course. Internal SQA assessments take place throughout the year. If successful, pupils will gain a National 4 award in addition to a Numeracy qualification at level 4.</p>
Homework	Pupils are expected to revise before unit assessments and keep up to date with the coursework.
Progression	National 5 Units
Further Information	This course is suitable for pupils who have successfully completed the National 3 Applications course and who are prepared to work more independently to cope with the demands of the course.

Mathematics - National 5 Units

Level of Study	National 5 Mathematics – Units only course
Entry Requirements	National 4 Mathematics course award and teacher recommendation
Course Description	<p>This course is designed to be the first year of a two-year venture to achieve a National 5 award in Mathematics. Year one involves studying the mandatory content of three units of work and sitting the associated internal assessments. Year two extends the work covered in the three units and leads towards the final external exam. The units to be studied are described below:</p> <p>Expressions and formulae</p> <ul style="list-style-type: none"> • Numeracy — surds and indices. • Algebra — expansion of brackets; factorising; completing the square; algebraic fractions. • Geometry — gradient; arc length or sector area of a circle; volume; significant figures. <p>Geometry and Measures</p> <ul style="list-style-type: none"> • Algebra — the equation of a straight line; linear equations and inequations; simultaneous equations; changing the subject of a formula; graphs of quadratic functions; solving quadratic equations; the discriminant. • Geometry — the converse of Pythagoras' theorem; angle calculations; similarity. • Trigonometry — graphs of trigonometric functions; trigonometric relationships in degrees. <p>Applications</p> <ul style="list-style-type: none"> • Trigonometry — area of a triangle; sine and cosine rules; bearings. • Geometry — adding or subtracting 2D vectors using directed line segments; determining coordinates of a point from a diagram representing a 3D object; adding or subtracting 2 or 3D vectors using components; calculating the magnitude of a vector. • Numerical skills — reverse percentages; appreciation/depreciation; fractions. • Statistics — comparing data sets using statistics; forming a linear model from a given set of data. <p>There is no final exam for this course. Internal SQA assessments take place throughout the year. If successful, pupils will gain accreditation for the three level 5 units in addition to a Numeracy qualification at level 5.</p>
Homework	Pupils are expected to revise before unit assessments and keep up to date with the coursework.
Progression	National 5 Mathematics.
Further Information	This course is suitable for pupils who will find the step up to National 5 quite challenging. Your class teacher will give you advice on which course you should follow: National 5 or National 5 Units.

Mathematics - National 5

Level of Study	National 5 Mathematics
Entry Requirements	National 4 Mathematics course award and teacher recommendation
Course Description	<p>Mathematics is important in everyday life, allowing us to make sense of the world around us. Learning mathematics develops logical reasoning, analysis, problem-solving skills, creativity and the ability to think in abstract ways. It uses a universal language of numbers and symbols, which allows us to communicate ideas in a concise, unambiguous and rigorous way.</p> <p>Pupils following the National 5 course will cover operational and reasoning skills related to:</p> <p>Expressions and formulae</p> <ul style="list-style-type: none"> • Numeracy — surds and indices. • Algebra — expansion of brackets; factorising; completing the square; algebraic fractions. • Geometry — gradient; arc length or sector area of a circle; volume; significant figures. <p>Geometry and Measures</p> <ul style="list-style-type: none"> • Algebra — the equation of a straight line; linear equations and inequations; simultaneous equations; changing the subject of a formula; graphs of quadratic functions; solving quadratic equations; the discriminant. • Geometry — the converse of Pythagoras' theorem; angle calculations; similarity. • Trigonometry — graphs of trigonometric functions; trigonometric relationships in degrees. <p>Applications</p> <ul style="list-style-type: none"> • Trigonometry — area of a triangle; sine and cosine rules; bearings. • Geometry — adding or subtracting 2D vectors using directed line segments; determining coordinates of a point from a diagram representing a 3D object; adding or subtracting 2 or 3D vectors using components; calculating the magnitude of a vector. • Numerical skills — reverse percentages; appreciation/depreciation; fractions. • Statistics — comparing data sets using statistics; forming a linear model from a given set of data.
Homework	The course is split into 24 topics with homework issued at the end of each topic.
Progression	Higher Mathematics if a strong National 5 pass is attained.
Further Information	<p>Assessments will take place throughout the year to monitor progress.</p> <p>The SQA exam consists of two papers.</p> <ul style="list-style-type: none"> • Paper 1 – where the use of a calculator is not allowed, lasting 1 hour and 15 minutes. • Paper 2 – where the use of a calculator is allowed, lasting 1 hour and 50 minutes.

Applications of Mathematics – National 5

Level of Study	National 5 Applications of Mathematics
Entry Requirements	National 4 Applications of Maths course award and teacher recommendation or National 4 Mathematics course award and teacher recommendation.
Course Description	<p>The purpose of the National 5 Applications of Mathematics course is to motivate and challenge candidates by enabling them to think through real-life situations involving mathematics and to form a plan of action based on logic.</p> <p>It is particularly suitable for learners who wish to develop the mathematical reasoning and numerical skills which are useful in other curriculum areas and workplaces.</p> <p>The course is centred around three units of work:</p> <p>Numeracy Key topics in the unit include decimals, percentages, fractions, proportion, ratio, converting units and time management. These are the core skills which underpin the other two units, and it is important pupils are comfortable with them, both with and without a calculator.</p> <p>Geometry and Measure Pupils build on topics such as Pythagoras, area, volume, and rules of formulae and are now challenged to use the skills developed with these topics in the context of multi levelled real-life applications. This unit introduces tolerance, enabling students to make informed decisions about acceptable degrees of accuracy in different settings. Precedent tables are another introduction, which gives students an understanding of the important role of mathematics in the efficient planning and scheduling of projects.</p> <p>Finance and Statistics The final unit is where the N5 Applications course takes a different path to the N5 Maths course. Pupils start learning about the world of finance, statistical analysis, probability and calculated risk. They are challenged with lengthy real-life problems helping to develop transferable skills for life, the workplace and other curriculum areas.</p>
Homework	Homework is issued at the end of each topic
Progression	Higher Applications of Mathematics if a strong National 5 pass is attained.
Further Information	<p>Assessments will take place throughout the year to monitor progress. The SQA exam consists of two papers:</p> <ul style="list-style-type: none"> • Paper 1 – where the use of a calculator is not allowed, lasting 50 minutes. • Paper 2 – where the use of a calculator is allowed, lasting 1 hour and 40 minutes.

Mathematics - Higher

Level of Study	Higher Mathematics
Entry Requirements	A or B at National 5 Mathematics
Course Description	<p>This Course will develop, deepen and extend the mathematical skills covered in the National 5 course.</p> <p>Learners will acquire and apply operational skills necessary for exploring mathematical ideas through symbolic representation and diagrams. In addition, learners will develop mathematical reasoning skills and will gain experience in making informed decisions.</p> <p>Pupils following the Higher course will cover operational and reasoning skills related to:</p> <p>Expressions and Functions</p> <ul style="list-style-type: none"> • Algebra — polynomials, laws of logarithms and exponents; identifying and sketching related algebraic functions; composite and inverse functions — including domain and range. • Trigonometry — addition or double angle formulae; trigonometric identities; the wave function; identifying and sketching related trigonometric functions. • Geometry — vectors in three dimensions; collinearity; the section formula; calculating a scalar product and the angle between two vectors. <p>Relationships and Calculus</p> <ul style="list-style-type: none"> • Algebra — polynomial equations; the discriminant; logarithmic and exponential equations. • Trigonometry — solving trigonometric equations in degrees, involving trigonometric formulae. • Calculus — differentiation; equation of tangents; integration, including trigonometric functions; calculating definite integrals of polynomial functions with integer limits. <p>Applications</p> <ul style="list-style-type: none"> • Algebra — finding the equation of parallel and perpendicular lines; using to calculate a gradient or angle; the equation of a circle; tangency; recurrence relations and limits. • Calculus — determining the optimal solution for a given problem; integral area calculations.
Homework	<p>To cope with the demands of the Higher course, students are expected to complete a minimum of 3 hours consolidation/self-study per week.</p> <p>There will also be a formal homework issued at the end of each of the 12 topics comprising the Higher course. This homework will afford an opportunity for students to receive feedback on their work.</p>
Progression	<p>Any student gaining an A or a B in Higher maths should consider following the Advanced Higher course in S6. However, any student who will be applying for a College/University course in Maths or Engineering would be strongly advised to study Advanced Higher mathematics.</p>
Further Information	<p>Assessments will take place throughout the year to monitor progress.</p> <p>The SQA exam consists of two papers.</p> <ul style="list-style-type: none"> • Paper 1 – where the use of a calculator is not allowed, lasting 1 hour and 30 minutes. • Paper 2 – where the use of a calculator is allowed, lasting 1 hour and 45 minutes.

Mathematics - Advanced Higher

Level of Study	Advanced Higher Mathematics
Entry Requirements	A or B at Higher Mathematics
Course Description	<p>Mathematics helps us to make sense of the world around us. It is the study of relationships, patterns, proofs and the properties of numbers. Mathematics takes a reasoned approach to thinking and is characterised by order and the use of carefully designed terms and processes.</p> <p>Mathematics can be used to model real-life situations and can equip us with the skills we need to interpret and analyse information, simplify and solve problems, assess risk, and make informed decisions. The mathematics studied in the Advanced Higher Course has aided the design and invention of many products that we take for granted today, from car engines to smart phones.</p> <p>Pupils following the Advanced Higher course will cover operational and reasoning skills related to:</p> <p>Methods in Algebra and Calculus</p> <ul style="list-style-type: none"> • Partial Fractions; differentiation; integration; differential equations. <p>Applications of Algebra and Calculus</p> <ul style="list-style-type: none"> • Binomial theorem and complex numbers; arithmetic and geometric sequences; summation and mathematical proof; properties of functions; applying differentiation to rectilinear motion and optimization. <p>Geometry, Proof and Systems of Equations</p> <ul style="list-style-type: none"> • Matrices and systems of equations; vectors; complex numbers; Euclid's algorithm; proofs
Homework	A 'flipped class' approach will be used to deliver the course. Pupils are introduced to the learning material before class. The four timetabled blocks are then used to complete set exercises where peer and teacher support will be available.
Progression	Students may progress to degree or HND courses in either mathematics or in subjects in which mathematics is a major component.
Further Information	<p>Assessments will take place throughout the year to monitor progress.</p> <p>The SQA exam consists of two papers.</p> <ul style="list-style-type: none"> • Paper 1 – where the use of a calculator is not allowed, lasting 1 hour. • Paper 2 – where the use of a calculator is allowed, lasting 2 hours and 30 minutes.

Modern Languages - National 4

Level of Study	National 4 French, Spanish, German, Gaelic (learners)
Entry Requirements	Proven ability in S3
Course Description	<p>The Course offers learners the opportunity to develop straightforward language skills in the meaningful real-life contexts.</p> <p>The Course also provides learners with the opportunity to: use creative and critical thinking to express ideas and arguments; enhance their enjoyment and understanding of their own and other cultures; and explore the interconnected nature of languages.</p> <p>Topics covered will be: Society Family & Friends, Lifestyles, Media, Global Languages, Citizenship Learning Learning in context, Education Employability Jobs, Work & CVs Culture Planning a trip, Other countries, Celebrating a special event, Literature, Film & TV</p> <p>The course is internally assessed and covers 3 components:</p> <ol style="list-style-type: none"> 1. Reading and Listening 2. Talking and Writing 3. Added Value Unit, where Learners will be required to provide evidence of their ability to apply their reading, listening, talking and writing skills in the modern language on a chosen topic.
Homework	<p>Studying a language provides the learner with many employability skills, including managing time, meeting deadlines, understanding strategies to learn. Homework is an essential part of this process.</p> <p>Pupils will review vocabulary and grammar at home and prepare for talking and writing assessments.</p>
Progression	<p>Other Level 4 language courses.</p> <p>Proven ability can lead to N5 in that language.</p> <p>Employment in a variety of fields, including tourism, hospitality, armed forces, technology, media, sport, medical, finance, education, interpreting/translation.</p>
Further Information	<p>The study of a modern language has a unique contribution to make to the development of cultural awareness, providing candidates with opportunities to enhance their understanding and enjoyment of other cultures and of their own. They gain insights into other ways of thinking and other views of the world, and therefore develop a much richer understanding of active citizenship.</p> <p><i>“I enjoyed the National 4 course and feel I can have a short conversation in Spanish. I also learnt more about applying for jobs”. (S5 pupil)</i></p> <p>For more information please see https://www.sqa.org.uk/sqa/47409.html</p>

European Studies (Languages) Level 4/ 5

Level of Study	National 4/5 French, Spanish, German, Gaelic (learners)
Entry Requirements	Proven ability in S3 or at N4
Course Description	<p>The course provides candidates with the opportunity to develop skills in reading, listening, talking and writing, which are essential for learning, for work and for life. It also develops an understanding of how language works and how to use language to communicate ideas and information.</p> <p>Topics covered will be:</p> <p>Basic Language studies, European History, European Film Studies, Food from around Europe, European Education Systems and Planning a trip around Europe.</p>
Homework	<p>Studying a language provides the learner with many employability skills, including managing time, meeting deadlines, understanding strategies to learn.</p> <p>Pupils will be expected to revise vocabulary, grammar and listening regularly. In addition, they will prepare presentations either in digital format or as a collaborative task with the rest of the class.</p>
Progression	<p>N5 in another language</p> <p>Employment in a variety of fields, including tourism, hospitality, armed forces, technology, media, sport, medical, finance, education, interpreting/translation.</p> <p>Entry to college/university</p>
Further Information	<p>The study of a modern language has a unique contribution to make to the development of cultural awareness, providing candidates with opportunities to enhance their understanding and enjoyment of other cultures and of their own. They gain insights into other ways of thinking and other views of the world, and therefore develop a much richer understanding of active citizenship.</p> <p><i>“Languages really helped me in my job as cabin crew where I work with people who speak a variety of languages around the world”. (Former pupil)</i></p>

Modern Languages - National 5

Level of Study	National 5 French, Spanish, German, Gaelic (learners)																							
Entry Requirements	Proven ability in S3 or at N4																							
Course Description	<p>The course provides candidates with the opportunity to develop skills in reading, listening, talking and writing, which are essential for learning, for work and for life. It also develops understanding of how language works and how to use language to communicate ideas and information.</p> <p>Topics covered will be: Society Family & Friends, Lifestyles, Media, Global Languages, Citizenship Learning Learning in context, Education Employability Jobs, Work & CVs Culture Planning a trip, Other countries, Celebrating a special event, Literature, Film & TV</p> <p>The course assessment has 5 components:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>Scaled mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Component 1: question paper 1 Reading</td> <td>30</td> <td>not applicable</td> <td rowspan="2">1 hour and 30 minutes (Chinese languages 2 hours)</td> </tr> <tr> <td>Component 2: question paper 1 Writing</td> <td>20</td> <td>15</td> </tr> <tr> <td>Component 3: question paper 2 Listening</td> <td>20</td> <td>30</td> <td>30 minutes approximately</td> </tr> <tr> <td>Component 4: Assignment–writing</td> <td>20</td> <td>15</td> <td>See 'Course assessment' section</td> </tr> <tr> <td>Component 5: Performance–talking</td> <td>30</td> <td>not applicable</td> <td>6–8 minutes approximately See 'Course assessment section'</td> </tr> </tbody> </table>	Component	Marks	Scaled mark	Duration	Component 1: question paper 1 Reading	30	not applicable	1 hour and 30 minutes (Chinese languages 2 hours)	Component 2: question paper 1 Writing	20	15	Component 3: question paper 2 Listening	20	30	30 minutes approximately	Component 4: Assignment–writing	20	15	See 'Course assessment' section	Component 5: Performance–talking	30	not applicable	6–8 minutes approximately See 'Course assessment section'
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Component 5: Performance–talking	30	not applicable	6–8 minutes approximately See 'Course assessment section'																					
Homework	<p>Studying a language provides the learner with many employability skills, including managing time, meeting deadlines, understanding strategies to learn. Homework is an essential part of this process.</p> <p>Pupils will be expected to revise vocabulary, grammar and listening regularly. In addition, they will prepare for Talking and Writing assessments.</p>																							
Progression	<p>Higher N5 in another language Employment in a variety of fields, including tourism, hospitality, armed forces, technology, media, sport, medical, finance, education, interpreting/translation. Entry to college/university</p>																							
Further Information	<p>The study of a modern language has a unique contribution to make to the development of cultural awareness, providing candidates with opportunities to enhance their understanding and enjoyment of other cultures and of their own. They gain insights into other ways of thinking and other views of the world, and therefore develop a much richer understanding of active citizenship.</p> <p><i>“Languages really helped me in my job as cabin crew where I work with people who speak a variety of languages around the world”. (Former pupil)</i></p> <p>For more information please see https://www.sqa.org.uk/sqa/47415.html</p>																							

Modern Languages for Life and Work - Level 5/6

Level of Study	Level 5/6
Entry Requirements	Should have worked at Level 4 in S3
Course Description	<p>The Modern Languages for Life and Work award provides learners with the opportunity to develop language skills in combination with leadership skills while also being able to follow their own interests in a cultural context. Learners will develop language skills in one or two modern languages which they can apply in life and work. Learners gain a greater understanding of their own and other cultures by comparing aspects of life in different countries and will play a fuller part as global citizens.</p> <p>This award is a broad-based qualification suitable for all learners who wish to develop their vocational and communication skills through one or two modern languages. The award is also suitable for learners who wish to learn one or two modern languages in practical and relevant contexts and develop their leadership skills</p>
Homework	In order to use a language in context, most of what is needed to be learnt will be covered in the timetabled classes, however some extra input may be required at home.
Progression	Level 6 or N5/Higher Modern Language, as recommended by the teacher.
Further Information	https://www.sqa.org.uk/sqa/files_ccc/GR4W45.pdf

Modern Languages - Higher

Level of Study	Higher French, Spanish, German, Gaelic (learners)																							
Entry Requirements	Pass at N5 in the relevant language																							
Course Description	<p>The course provides candidates with the opportunity to develop reading, listening, talking and writing skills in the modern language, and to develop their knowledge and understanding of detailed and complex language in the contexts of society, learning, employability, culture.</p> <p>Topics covered will be:</p> <p>Society Family & Friends, Lifestyles, Media, Global Languages, Citizenship Learning Learning in context, Education Employability Jobs, Work & CVs Culture Planning a trip, Other countries, Celebrating a special event, Literature, Film & TV</p> <p>The course assessment has 5 components:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>Scaled mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Component 1: question paper 1 Reading</td> <td>30</td> <td>not applicable</td> <td rowspan="2">2 hours (Chinese languages 2 hours and 40 minutes)</td> </tr> <tr> <td>Component 2: question paper 1 Directed writing</td> <td>20</td> <td>15</td> </tr> <tr> <td>Component 3: question paper 2 Listening</td> <td>20</td> <td>30</td> <td>30 minutes approximately</td> </tr> <tr> <td>Component 4: Assignment–writing</td> <td>20</td> <td>15</td> <td>see 'Course assessment' section</td> </tr> <tr> <td>Component 5: Performance–talking</td> <td>30</td> <td>not applicable</td> <td>10 minutes approximately</td> </tr> </tbody> </table>	Component	Marks	Scaled mark	Duration	Component 1: question paper 1 Reading	30	not applicable	2 hours (Chinese languages 2 hours and 40 minutes)	Component 2: question paper 1 Directed writing	20	15	Component 3: question paper 2 Listening	20	30	30 minutes approximately	Component 4: Assignment–writing	20	15	see 'Course assessment' section	Component 5: Performance–talking	30	not applicable	10 minutes approximately
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Component 4: Assignment–writing	20	15	see 'Course assessment' section																					
Component 5: Performance–talking	30	not applicable	10 minutes approximately																					
Homework	<p>Studying a language provides the learner with many employability skills, including managing time, meeting deadlines, understanding strategies to learn. Homework is an essential part of this process.</p> <p>Pupils will be expected to revise vocabulary, grammar and listening regularly. In addition, they will prepare for Talking and Writing assessments.</p>																							
Progression	<p>Advanced Higher Entry to college/university Employment in a variety of fields, including tourism, hospitality, armed forces, technology, media, sport, medical, finance, education, interpreting/translation.</p>																							
Further Information	<p>The study of a modern language has a unique contribution to make to the development of cultural awareness, providing candidates with opportunities to enhance their understanding and enjoyment of other cultures and of their own. They gain insights into other ways of thinking and other views of the world, and therefore develop a much richer understanding of active citizenship.</p> <p><i>“I’ve learnt so much about English through studying a foreign language and this has really helped even in my other exams.” (Higher pupil)</i></p> <p>For more information please see https://www.sqa.org.uk/sqa/47909.html</p>																							

Modern Languages - Advanced Higher

Level of Study	Advanced Higher French, Spanish															
Entry Requirements	Pass at Higher in the relevant language															
Course Description	<p>The Advanced Higher Modern Languages course provides academic and personal challenges for candidates. It provides a pathway for those who want to progress to more specialised training, further education, or entry into a diverse range of occupations and careers.</p> <p>Topics covered will be:</p> <p>Society Family & Friends, Lifestyles, Media, Global Languages, Citizenship Learning Learning in context, Education Employability Jobs, Work & CVs Culture Planning a trip, Other countries, Celebrating a special event, Literature, Film & TV</p> <p>The course assessment has 4 components:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Component 1: question paper Reading and Translation</td> <td>50</td> <td>1 hour and 30 minutes</td> </tr> <tr> <td>Component 2: question paper Listening and Discursive Writing</td> <td>70</td> <td>1 hour and 20 minutes (Chinese languages 1 hour and 45 minutes)</td> </tr> <tr> <td>Component 3: portfolio</td> <td>30</td> <td>see 'Course assessment' section</td> </tr> <tr> <td>Component 4: performance–talking</td> <td>50</td> <td>20 minutes approximately see 'Course assessment' section</td> </tr> </tbody> </table>	Component	Marks	Duration	Component 1: question paper Reading and Translation	50	1 hour and 30 minutes	Component 2: question paper Listening and Discursive Writing	70	1 hour and 20 minutes (Chinese languages 1 hour and 45 minutes)	Component 3: portfolio	30	see 'Course assessment' section	Component 4: performance–talking	50	20 minutes approximately see 'Course assessment' section
Component	Marks	Duration														
Component 1: question paper Reading and Translation	50	1 hour and 30 minutes														
Component 2: question paper Listening and Discursive Writing	70	1 hour and 20 minutes (Chinese languages 1 hour and 45 minutes)														
Component 3: portfolio	30	see 'Course assessment' section														
Component 4: performance–talking	50	20 minutes approximately see 'Course assessment' section														
Homework	<p>Studying a language provides the learner with many employability skills, including managing time, meeting deadlines, understanding strategies to learn. Homework is an essential part of this process.</p> <p>Pupils will be expected to take the initiative in identifying skills to target at home and will research areas of interest. As well as regular revision of vocabulary and grammar, they will prepare a folio and a talking assessment.</p>															
Progression	<p>Further and Higher Education</p> <p>Employment in a variety of fields, including tourism, hospitality, armed forces, technology, media, sport, medical, finance, education, interpreting/translation.</p>															
Further Information	<p>The study of a modern language has a unique contribution to make to the development of cultural awareness, providing candidates with opportunities to enhance their understanding and enjoyment of other cultures and of their own. They gain insights into other ways of thinking and other views of the world, and therefore develop a much richer understanding of active citizenship.</p> <p><i>“Doing AH Spanish made the transition to university much easier as I was on a level playing field with other students from across the UK.” (Former pupil)</i></p> <p>For further information, please see https://www.sqa.org.uk/sqa/48456.html</p>															

Modern Studies - National 4 / National 5

Level of Study	National 4/5																		
Entry Requirements	<ul style="list-style-type: none"> • Proven ability in S3. • Good literacy skills. • Genuine interest in current affairs and, political and social issues. • Strong performance in English at level 4/N5 is highly recommended. 																		
Course Description	<p>National Modern Studies develops pupil understanding of contemporary issues in the key areas of politics, crime and international relations. In addition, Modern Studies develops your literacy, research, statistical analysis and critical thinking skills.</p> <p>Democracy in Scotland and the UK</p> <ul style="list-style-type: none"> • UK parliamentary system and electoral systems • Role of representatives • Scrutiny of the government • Powers of the government and Prime Minister • Pressure groups <p>Social issues in Scotland: Crime and the Law</p> <ul style="list-style-type: none"> • Types of crime and current crime rates • Causes and impact of crime • The Scottish judicial system • Role of the police • Effectiveness of measures to tackle crime <p>World Issues: Terrorism</p> <ul style="list-style-type: none"> • Examples of terrorism around the world • Causes and impact of terrorism • Attempts to tackle terrorism • Role and success of international organisations in tackling terrorism <p>The N5 course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question Paper - May</td> <td>80</td> <td>80</td> <td>2hr 20 mins</td> </tr> <tr> <td>Assignment – Oct/Feb</td> <td>20</td> <td>20</td> <td>1 hour</td> </tr> </tbody> </table> <p>The N4 course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Assessment</th> </tr> </thead> <tbody> <tr> <td>Three Unit Assessments, one for each topic</td> <td>Internally assessed on a pass / fail basis</td> </tr> <tr> <td>Added Value Unit</td> <td>Internally assessed on a pass / fail basis</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Question Paper - May	80	80	2hr 20 mins	Assignment – Oct/Feb	20	20	1 hour	Component	Assessment	Three Unit Assessments, one for each topic	Internally assessed on a pass / fail basis	Added Value Unit	Internally assessed on a pass / fail basis
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Component	Assessment																		
Three Unit Assessments, one for each topic	Internally assessed on a pass / fail basis																		
Added Value Unit	Internally assessed on a pass / fail basis																		
Homework	<ul style="list-style-type: none"> • Students are expected to regularly read over class notes, booklets and resources posted on the Google Classroom. • It is also expected that National 5 students spend approximately 2 hours per week on this reinforcement of class lessons. • In addition, students will be expected to complete formal assessed pieces of work which help prepare them for the formal exam and Assignment. 																		
Progression	<ul style="list-style-type: none"> • N5 students are recommended for Higher Modern Studies • N4 students are recommended for N5 Modern Studies • We may also suggest an alternative social subject at an appropriate level 																		
Further Information	Students are either presented at either National 4 or National 5 level. The final level of presentation is determined by classwork, homework, end of unit assessments and prelim grade in January.																		

Modern Studies - Higher

Level of Study	Higher															
Entry Requirements	<ul style="list-style-type: none"> Should have a strong performance in N5 Modern Studies, or another Social Subject or National 5 English. Good literacy skills. Genuine interest in current affairs and, political and social issues. 															
Course Description	<p>Higher Modern Studies develops pupil understanding of contemporary issues in the key areas of politics, social inequality and world powers. In addition, Modern Studies develops to a high degree your literacy, research, statistical analysis and critical thinking skills.</p> <p>Decision-making in Scotland and the UK</p> <ul style="list-style-type: none"> UK constitutional arrangements and issues UK electoral systems The work of the Scottish Parliament Role of the media <p>Social Inequality in the UK</p> <ul style="list-style-type: none"> Causes and impact Efforts to tackle inequality Evaluation of the success of these efforts <p>World power: The USA</p> <ul style="list-style-type: none"> The political system The Separation of Powers and evaluation of its effectiveness Inequality - its causes, impact and effectiveness of measures to tackle it Role and influence on the global stage <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question paper 1: Essays - May</td> <td>52</td> <td rowspan="2">73%</td> <td>1hr 45 mins</td> </tr> <tr> <td>Question Paper 2: Sources - May</td> <td>28</td> <td>1hr 15 mins</td> </tr> <tr> <td>Assignment – research followed by write up – Oct/March</td> <td>30</td> <td>27%</td> <td>1hr 30 mins</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Question paper 1: Essays - May	52	73%	1hr 45 mins	Question Paper 2: Sources - May	28	1hr 15 mins	Assignment – research followed by write up – Oct/March	30	27%	1hr 30 mins
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Homework	<ul style="list-style-type: none"> Students will be expected to read over class notes regularly, booklets and resources posted on the Google Classroom on a weekly basis. It is recommended to spend around 3 hours a week. Students will be expected to pay attention to current events in the news relating to the course and their assignment topic. In addition, students will be expected to complete regular formal assessed pieces of work in class and at home which help prepare them for the formal exam and Assignment. 															
Progression	<ul style="list-style-type: none"> Higher in another Social Subject University or college Employment 															
Further Information	Students are presented at Higher level and will either sit the examinations or complete SQA unit assessments if studying over two years. The final level of presentation is determined by classwork, homework, end of unit assessments and prelim grade.															

Music - National 4

Level of Study	National 4 Music
Entry Requirements	Ability to play/sing two instruments. A minimum requirement of Grade 2 pieces is required at this level. An entry level of Grade 1 or beginner playing would be acceptable.
Course Description	<p>Performance - A programme of 8 minutes, in total, on two instruments performed by the end of April.</p> <p>Listening – Understanding and identifying concepts in music excerpts. This will be tested throughout the year using multiple choice questions. In addition, pupils are tested on their knowledge of basic theory.</p> <p>Composition – Creating a short original piece of music on computer software with an accompanying programme note.</p>
Homework	Regular practice on instruments can be at home or in the department. Regular listening revision is advised using various websites.
Progression	National 5 music enables pupils to continue to develop in each of the three areas. The skills learnt in National 4 music are a valuable foundation on which to learn more listening concepts, create a more developed composition and play Grade 3 pieces.
Further Information	<p>Pupils do not require outside tuition on either of their instruments to achieve a National 4.</p> <p>Pupils are encouraged to make use of the facilities at lunchtimes and after school. Instruments can be borrowed over weekends or holidays using the sign out sheet.</p>

Music Technology - National 5

Level of Study	National 5 Music Technology
Entry Requirements	Pupils are encouraged to have an understanding of music software, e.g Logic Pro X, Bandlab or Garageband, and a knowledge of recording audio.
Course Description	<p>Question Paper – Multiple Choice questions testing knowledge and understanding of 20th and 21st Century styles and genres of music. Developing listening skills and technical knowledge.</p> <p>Pupils will develop music technology skills and are required to produce two assignments. Skills will include the creative use of music technology hardware and software to capture and manipulate audio.</p> <p>Due to project options, pupils can choose to record and edit live music or manipulate sound to produce a track e.g. a gaming soundtrack.</p>
Homework	<p>Pupils will be expected to use their own time during lunchtime and after school to produce the required standards for National 5.</p> <p>Regular revision of musical and technological concepts using various websites is advised. Pupils are expected to keep their log book up to date.</p>
Progression	Consolidating National 5 Music Technology skills will prepare pupils to progress to Higher Music Technology. It can also enable a progression to National 5 Music.
Further Information	<p>This course using industry standard technology and will be an asset for anyone wanting to work with computers or in the world of music production and sound engineering.</p> <p>As this is a technology course, you do not need to be able to play a musical instrument.</p>

Music Technology - Higher

Level of Study	Higher Music Technology
Entry Requirements	<p>The course is suitable for pupils with a broad interest in music as well as those with a specific interest in music technology and 20th and 21st century music. It also provides a pathway for those who want to progress to higher levels of study. The course is practical and experiential in nature and there is considerable scope for personalisation and choice through the contexts for learning.</p> <p>It is essential that pupils have an understanding of music software, e.g Logic Pro X, Bandlab or Garageband, and a knowledge of recording audio.</p>
Course Description	<p>Question paper: The question paper allows pupils to use listening skills and draw on and apply knowledge and understanding of technological terms, technological developments, styles and genres, and music concepts.</p> <p>Assignment: The assignment allows pupils to demonstrate practical application of knowledge and skills from the course to plan, implement and evaluate a creative production using music technology. Pupils produce the audio for a film soundtrack, audiobook, radio broadcast, computer game or other similar context.</p>
Homework	<p>Pupils will be expected to use their own time during lunchtime and after school to produce the required standards for Higher.</p> <p>Regular revision of musical and technological concepts using various websites is advised. Pupils are expected to keep their log book up to date.</p>
Progression	Consolidating H Music Technology skills will prepare pupils to progress to AH Higher Music Technology.
Further Information	<p>This course uses industry standard technology and will be an asset for anyone wanting to work with computers or in the world of music production and sound engineering.</p> <p>As this is a technology course, you do not need to be able to play a musical instrument.</p>

Music - National 5

Level of Study	National 5 Music
Entry Requirements	Ability to play/sing two instruments. A minimum requirement of Grade 3 pieces is required at this level. An entry level of Grade 2 playing would be acceptable.
Course Description	<p>Performance - A programme of 8 minutes, in total, on two instruments performed in February/March.</p> <p>Listening – Understanding and identifying concepts in music excerpts. The exam paper is made up of mainly multiple choice questions. In addition, pupils are tested on their knowledge of basic theory.</p> <p>Composition – Creating an original piece of music on computer software with an accompanying programme note.</p>
Homework	Regular practice on instruments can be at home or in the department. Regular listening revision is advised using various websites.
Progression	Higher music enables pupils to continue to develop in each of the three areas. The skills learnt in National 5 music are a valuable foundation on which to learn more listening concepts, create a more developed composition and play Grade 4 pieces.
Further Information	<p>Pupils do not require outside tuition on either of their instruments to achieve highly at this level.</p> <p>Pupils are encouraged to make use of the facilities at lunchtimes and after school. Instruments can be borrowed over weekends or holidays using the sign out sheet. This course can be picked up in 5th/6th year.</p>

Music - Higher

Level of Study	Higher Music
Entry Requirements	Ability to play/sing two instruments. A minimum requirement of Grade 4 pieces is required at this level. An entry level of Grade 3 playing would be acceptable.
Course Description	<p>Performance - A programme of 12 minutes, in total, on two instruments performed in February/March.</p> <p>Listening – Understanding and identifying concepts in music excerpts. The exam paper is made up of mainly multiple choice questions. In addition, pupils are tested on their knowledge of theory.</p> <p>Composition – Creating and developing an original piece of music on computer software with an accompanying programme note.</p>
Homework	Regular practice on instruments can be at home or in the department. Regular listening revision is essential using various websites.
Progression	<p>Advanced Higher music enables pupils to continue to develop in each of the three areas. The skills learnt in Higher music are a valuable foundation on which to learn more listening concepts in greater detail, create a complex composition and play Grade 5 pieces. A short analytical essay is also required.</p> <p>NPA music allows pupils to develop their skills on one instrument and to rehearse a group for a final performance. Pupils can opt for a composition or technical support unit.</p>
Further Information	<p>Pupils do not require outside tuition on either of their instruments to achieve highly at this level.</p> <p>Pupils are encouraged to make use of the facilities at lunchtimes and after school. Instruments can be borrowed over weekends or holidays using the sign out sheet. This course can be sat as a crash Higher if pupils are already playing at Grade 4 level.</p>

Music Performing - Level 6 NPA

Level of Study	National Progression Award – Level 6 – Music Performing
Entry Requirements	Ability to play/sing on two instruments. A minimum requirement of Grade 4 pieces on one instrument and Grade 3 on the other. An entry level of Grade 3 and Grade 2 pieces would be acceptable.
Course Description	<p>This is a performance course for those pupils who want to play their instruments/sing. There is no listening/written element.</p> <p>3 units need to be completed to be awarded a full course award.</p> <ul style="list-style-type: none"> • Music on one Instrument or Voice (SCQF level 6) – performing 3 or 4 pieces at Grade 4 level (equivalent to Higher). • Music on one Instrument or Voice (SCQF level 5) - performing 2 or 3 pieces at Grade 3 level (equivalent to National 5). • Live Performance (SCQF level 6) – performing 4 or 5 pieces as a group/band. <p>All pieces will be recorded with self-evaluation.</p> <p>An extra unit can be added to this course: Music: Technical Support Unit – hands on experience fixing guitars, setting up and tuning drum kits and learning about leads etc.</p>
Homework	Regular practice must be in place.
Progression	This course can be completed before entering the Higher Music course for those who need more experience in performing. For those pupils who wish to add the Technical Support Unit, this is an invaluable experience for those who wish to follow a career in sound production.
Further Information	<p>Pupils need to work independently and keep a diary. Pupils need to be organised and able to motivate/help other pupils in the live performance unit.</p> <p>Pupils have got the option of sitting the performance unit as a stand-alone unit.</p>

Music - Advanced Higher

Level of Study	Advanced Higher Music
Entry Requirements	Ability to play/sing two instruments. A minimum requirement of Grade 5 pieces is required at this level. An entry level of Grade 5 playing would be essential and a Grade 5 theory qualification would be beneficial.
Course Description	<p>Performance - A programme of 18 minutes, in total, on two instruments performed in April/May.</p> <p>Listening – Understanding and identifying complex concepts in music excerpts. In addition, pupils are tested on their detailed knowledge of theory.</p> <p>Composition – Creating and developing an original complex piece of music on computer software with an accompanying programme note. An analytical essay is also required.</p>
Homework	Regular practice on both instruments must be in place. Regular listening revision is essential using various websites.
Progression	Skills learnt in all music courses can be used to help you succeed in the workplace or Higher Education. There are many University and College music courses to suit all tastes and interests.
Further Information	Pupils do not require outside tuition on either of their instruments to achieve highly at this level but they have to be aware of the level of theory knowledge that is needed.

Physical Education - National 5

Level of Study	National 5 PE (Level 5)
Entry Requirements	Pupils should have a keen interest in sport and regularly participating.
Course Description	Course is comprised of 50% practical and 50% theory. For the Practical Pupils need to demonstrate a comprehensive range of movement and performance skills in two physical activities. Activities will be selected through availability of facilities, teacher expertise and through personalisation and choice by pupils (where appropriate). The theory aspect is a portfolio of evidence (60 marks). This will be collated by the learner in the form of a written logbook or other appropriate word processed format and will have 50% of the total mark.
Progression	Higher PE
Further Information	https://www.sqa.org.uk/sqa/45741.html

Physical Education - Higher

Level of Study	Higher PE (Level 6)
Entry Requirements	National 5 PE (recommended)
Course Description	<p>The Higher PE course requires candidates to demonstrate ability in a variety of sports by selecting, demonstrating and applying a broad range of complex skills in challenging contexts.</p> <p>Candidates should have a keen interest in sport and will demonstrate a range of approaches for developing or refining skills, fitness and performance tactics by analysing factors that impact on performance.</p> <p>Candidates will plan, develop and implement skills and strategies in a range of performance situations demonstrating decision- making and problem- solving in challenging contexts.</p> <p>Candidates will be expected to participate in practical sessions 4 blocks per week and will be classroom based completing written tasks at least 2 blocks per week. This course is, therefore, suited to candidates who are keen participants but also motivated to write about the theory underpinning sport through investigating and analysing their performance.</p>
Progression	Achieving Excellence in Sport
Further Information	https://www.sqa.org.uk/sqa/45741.html

PE Football (Team Sport) - Level 5 NPA

Level of Study	NPA Level 5 (C Pass/Fail)
Entry Requirements	Strong interest in football
Course Description	<p>The NPA in Sport and Fitness provides the basic knowledge and skills in the theoretical and practical elements of football.</p> <p>This course is for you if you have an interest in, or wish to develop, valuable skills in the areas of football coaching and playing football. It will help to prepare pupils for employment in the field of sport and fitness, focusing on and developing a range of functional skills within coaching and team sports.</p> <p>We anticipate that the applicants will have a strong interest in football and will currently be involved in either playing or coaching. However, we may use other activities throughout the year to supplement knowledge and improve transferable skills.</p> <p>Students will learn how to:</p> <ul style="list-style-type: none"> • Assess and address the requirements of participants when planning sports coaching sessions. • Consider legal obligations in terms of health and safety, data protection and participant care. • Develop, deliver and evaluate a progressive sequence of coaching sessions. <p>SQA Course Unit assessment areas:</p> <ul style="list-style-type: none"> • Sport and Fitness: Coaching Development • Sports Officiating and Organising – Recreational: Association Football • Sports Activity Participation and performance: Association Football
Progression	
Further Information	https://www.sqa.org.uk/sqa/files_ccc/NPA%20Sport%20and%20Fitness%20Team%20Sport2.pdf

PE Uniformed and Emergency Services – Level 4 Skills for Work

Level of Study	SFW Level 4 (Pass/Fail)
Entry Requirements	No entry requirements. An interest in one of the uniformed and emergency services would be desirable.
Course Description	<p>The Course introduces candidates to the uniformed and emergency services: the Army, Merchant Navy, Royal Air Force, Royal Navy and Royal Marines; and the Ambulance Service, Coastguard, Fire and Rescue and Police. The Course includes investigating the different uniformed and emergency services, and the roles and responsibilities of those working in a specific service team. Candidates will also investigate career opportunities in the uniformed and emergency services.</p> <p>The course consists of both practical activities and coursework. A typical week would consist of the following:</p> <ul style="list-style-type: none"> Monday: Investigate career opportunities in the service you are interested. Tuesday: Strength and conditioning Program. Weights or bodyweight training, and developing CV to test against the service entry requirements. Wednesday: Presentation and team skills delivered by one of the services who will come into school. Thursday: Team sports – a chance to develop your fitness and to improve your well-being through sporting activities. Friday: Team building activities to develop leadership and teamwork skill with the aim of developing skills for work suited to the uniformed and emergency services. <p>Please note: This course is for anyone interested in joining one of the uniformed and emergency services or someone who wants to develop skills for work, which would be sought after within the services.</p>
Progression	
Further Information	https://www.sqa.org.uk/sqa/69492.html

PE Leadership - Level 6 NPA

Level of Study	NPA Level 6 (C pass/fail)
Entry Requirements	Aimed at Senior pupils wanting to take on leadership roles.
Course Description	The Leadership Award aims to encourage learners to respect the cultures and beliefs of others through working cooperatively with them and through valuing their contribution. The Award encourages learners to develop knowledge of leadership styles, skills and qualities and to understand the impact a leader can have on others and on the success of an activity. Through this course, pupils will be provided with numerous opportunities to lead through sport and also gain additional qualifications with various national governing bodies. The leadership award seeks to develop learners' potential as employable, contributing members of society through the development of leadership skills and knowledge.
Progression	
Further Information	https://www.sqa.org.uk/sqa/47258.html

PE Practical Performance, Health & Wellbeing

Level of Study	Practical performance units
Entry Requirements	
Course Description	<p>The PE aspect of this course is mostly made up of practical lessons, with some sessions based in the classroom and is a more in depth study of Physical Education than provided in Core PE. The course covers some interesting content such as; Anatomy, physiology, strength and conditioning, Skill development and Tactics. The course ultimately studies how to enhance performance through encouraging learners to evaluate their own performance and plan for future improvement. These skills and planning tools are transferable into improving performance in any subject area or aspect of wider life. The course is well suited to all those who love being active and are interested in practical performance. This course will enable learners to make a seamless progression into National 5 or Higher Physical Education.</p> <p>For 2 blocks of the week pupils will be in HE. In this course we aim to develop life skills through practical activities where pupils will be able to prepare and cook food for themselves, others and organise their time and work efficiently. Pupils will develop an understanding of the relationship between health and food choice and links to physical activity.</p>
Homework	
Progression	National 5 PE, Higher PE
Further Information	N/A

PE Bike Maintenance - Level 4

Level of Study	Units Level 4
Entry Requirements	N/A
Course Description	<p>You will learn how to repair and maintain bikes while developing core mechanical and work place skills. This course is ideal if you are interested in practical work and all assessment is ongoing throughout the course. If you successfully complete the course you will achieve a National 4 Unit. Two of the three units are practical and unit three will involve you documenting what you have covered. There may be times when you can work on your own bikes in addition to the school fleet. You will have the opportunity to work toward a Velotech award which is an industry standard qualification for all Bike Shops.</p>
Homework	N/A
Progression	

Physics - National 5

Level of Study	National 5 Physics												
Entry Requirements	Passed all the level 4 assessments in S3 Physics OR Passed all the level 4 Chemistry or Biology S3 assessments OR Pass in N4 Physics OR Pass in N5 NPA Practical 'Health' Science (with teacher recommendation) PLUS Strong performance in Maths at level 4/N4 Maths is highly recommended.												
Course Description	<p>Physics gives candidates an insight into the underlying nature of our world and its place in the universe. From the sources of the energy we use, to the exploration of space, it covers a range of applications of the relationships that have been discovered through experiment and calculation, including those used in modern technology. An experimental and investigative approach is used to develop knowledge and understanding of physics concepts.</p> <p>The course content includes the following areas of physics:</p> <p>Dynamics: In this area, the topics covered are: vectors and scalars; velocity–time graphs; acceleration; Newton’s laws; energy; projectile motion.</p> <p>Space: In this area, the topics covered are: space exploration; cosmology.</p> <p>Electricity: In this area, the topics covered are: electrical charge carriers; potential difference (voltage); Ohm’s law; practical electrical and electronic circuits; electrical power.</p> <p>Properties of matter: In this area, the topics covered are: specific heat capacity; specific latent heat; gas laws and the kinetic model.</p> <p>Waves: In this area, the topics covered are: wave parameters and behaviours; electromagnetic spectrum; refraction of light.</p> <p>Radiation: In this area, the topic covered is nuclear radiation.</p> <p>The concepts studied follow on from the National 4 Physics course, but to a much more complex level.</p> <p>Data and experimental analysis is a key part of this course: The course further develops numeracy and literacy skills, as well as allowing candidates to think creatively, analyse and solve problems.</p> <p>The course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>Scaled Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>1. Question paper</td> <td>135</td> <td>100 (80%)</td> <td>2hr 30 mins</td> </tr> <tr> <td>2. Assignment</td> <td>20</td> <td>25 (20%)</td> <td>8 hours, of which a maximum of 1 hour and 30 minutes is allocated to the report stage</td> </tr> </tbody> </table>	Component	Marks	Scaled Mark	Duration	1. Question paper	135	100 (80%)	2hr 30 mins	2. Assignment	20	25 (20%)	8 hours, of which a maximum of 1 hour and 30 minutes is allocated to the report stage
Component	Marks	Scaled Mark	Duration										
1. Question paper	135	100 (80%)	2hr 30 mins										
2. Assignment	20	25 (20%)	8 hours, of which a maximum of 1 hour and 30 minutes is allocated to the report stage										
Homework	<p>Pupils are expected to regularly revise taught content on a weekly basis. In addition:</p> <ul style="list-style-type: none"> Mandatory homework tasks are set throughout the course in order to allow pupils to consolidate their class learning at home. 												
Progression	<ul style="list-style-type: none"> Higher Physics (level 6) is a recommended progression route for those pupils who achieve a grade A or B at National 5 level. NPA in Scientific technologies (level 6) is a recommended progression route for those pupils who achieve a grade C or D at National 5 level. Employment. 												
Further Information	<p>Further information on the course can be found at: https://www.sqa.org.uk/files_ccc/N5CourseSpecPhysics.pdf or speak to any of the Physics staff for further information.</p>												

Physics - Higher

Level of Study	Higher Physics																
Entry Requirements	Pass in N5 Physics at Grade A or B PLUS Minimum of N5 Maths is highly recommended.																
Course Description	<p>The course develops candidates' interest and enthusiasm for physics in a range of contexts. The skills of scientific inquiry and investigation are developed throughout the course. The relevance of physics is highlighted by the study of the applications of physics in everyday contexts.</p> <p>The course content includes the following areas of physics:</p> <p>Our dynamic Universe</p> <ul style="list-style-type: none"> ● motion — equations and graphs ● forces, energy and power ● collisions, explosions, and impulse ● gravitation ● special relativity ● the expanding Universe <p>Particles and waves</p> <ul style="list-style-type: none"> ● forces on charged particles ● the Standard Model ● nuclear reactions ● inverse square law ● wave-particle duality ● interference ● spectra ● refraction of light <p>Electricity</p> <ul style="list-style-type: none"> ● monitoring and measuring AC ● current, potential difference, power and resistance ● electrical sources and internal resistance ● capacitors ● semiconductors and p-n junctions <p>Data and experimental analysis is a key part of this course. The course further develops numeracy and literacy skills, as well as allowing candidates to think creatively, analyse and solve problems.</p> <p>The course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>Scaled Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Question paper 1: multiple choice</td> <td>25</td> <td>25 (17%)</td> <td>45 minutes</td> </tr> <tr> <td>Question paper 2</td> <td>130</td> <td>95 (63%)</td> <td>2 hours & 15 minutes</td> </tr> <tr> <td>Assignment – practical followed by write up</td> <td>20</td> <td>30 (20%)</td> <td>8 hours, of which a maximum of 2 hours is allowed for the report stage</td> </tr> </tbody> </table>	Component	Marks	Scaled Mark	Duration	Question paper 1: multiple choice	25	25 (17%)	45 minutes	Question paper 2	130	95 (63%)	2 hours & 15 minutes	Assignment – practical followed by write up	20	30 (20%)	8 hours, of which a maximum of 2 hours is allowed for the report stage
Component	Marks	Scaled Mark	Duration														
Question paper 1: multiple choice	25	25 (17%)	45 minutes														
Question paper 2	130	95 (63%)	2 hours & 15 minutes														
Assignment – practical followed by write up	20	30 (20%)	8 hours, of which a maximum of 2 hours is allowed for the report stage														
Homework	<p>Pupils are expected to be regularly revising taught content on a weekly basis. In addition:</p> <ul style="list-style-type: none"> ● Mandatory homework tasks are set throughout the course in order to allow pupils to consolidate their class learning at home. 																
Progression	Advanced Higher Physics (level 7) is a recommended progression route for those pupils who achieve a grade A or B at Higher level.																
Further Information	<p>Further information on the course can be found at: https://www.sqa.org.uk/files_ccc/HigherCourseSpecPhysics.pdf or speak to any of the Physics staff for further information.</p>																

Physics - Advanced Higher

Level of Study	Advanced Higher Physics												
Entry Requirements	Pass in Higher Physics at a minimum Grade C (but recommend a grade A or B) PLUS Minimum of a pass in Higher Maths is highly recommended.												
Course Description	<p>The course is suitable for candidates who are secure in their attainment of Higher Physics or an equivalent qualification. It is designed for candidates who can respond to a level of challenge, especially those considering further study or a career in physics and related disciplines.</p> <p>The course content includes the following areas of physics:</p> <p>Rotational motion and astrophysics</p> <ul style="list-style-type: none"> • kinematic relationships • angular motion • rotational dynamics • gravitation • general relativity • stellar physics <p>Quanta and waves</p> <ul style="list-style-type: none"> • introduction to quantum theory • particles from space • simple harmonic motion • waves • interference • polarisation <p>Electromagnetism</p> <ul style="list-style-type: none"> • fields • circuits • electromagnetic radiation <p>Data and experimental analysis is a key part of this course. The course further develops numeracy and literacy skills, as well as allowing candidates to think creatively, analyse and solve problems.</p> <p>In addition, candidates carry out an in-depth investigation of a Physics topic. Candidates are required to individually plan, carry out a Physics investigation and then produce a project report.</p> <p>The course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>Scaled mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>1. Question paper</td> <td>155</td> <td>120 (75%)</td> <td>3 hours</td> </tr> <tr> <td>2. Project</td> <td>30</td> <td>40 (25%)</td> <td>n/a</td> </tr> </tbody> </table>	Component	Marks	Scaled mark	Duration	1. Question paper	155	120 (75%)	3 hours	2. Project	30	40 (25%)	n/a
Component	Marks	Scaled mark	Duration										
1. Question paper	155	120 (75%)	3 hours										
2. Project	30	40 (25%)	n/a										
Homework	Pupils are expected to be regularly revising taught content on a weekly basis. In addition mandatory homework tasks are set regularly in order to allow pupils to consolidate their class learning at home.												
Progression	University level course. Employment.												
Further Information	<p>Practical work is regularly used where appropriate to consolidate learning, but the course is mainly theory based.</p> <p>Pupils must be prepared to work more independently than previously expected.</p> <p>Further information on the course can be found at: https://www.sqa.org.uk/files_ccc/AHPhysicsCourseSpec.pdf or speak to any of the Physics staff for further information.</p>												

Politics - Higher

Level of Study	Higher																
Entry Requirements	<ul style="list-style-type: none"> • Should have passed N5 Modern Studies or another Social Subjects or • Pass at Higher Modern Studies, History or RMPS • Minimum of a N5 English is highly recommended. • Good literacy skills. Genuine interest in this subject. 																
Course Description	<p>Politics is the study of political concepts and ideologies. Through its study, students will be better able to understand the different countries of the world and the impact which political systems has on the global challenges we face.</p> <p>Higher Politics course covers three areas of study;</p> <p>Political Theory</p> <ul style="list-style-type: none"> • Looking at the concepts of power, authority and legitimacy, with reference to Steven Lukes and Max Weber • Two Ideologies, from Liberalism, Socialism and Conservatism <p>Political Systems</p> <ul style="list-style-type: none"> • Comparing the nature or different constitutional approaches within two systems (USA and UK) <p>Political Parties and Elections</p> <ul style="list-style-type: none"> • Comparing the impact of different ideas from different parties (Conservative, Labour and SNP) • The impact of different campaign strategies <p>The Higher course is assessed via essays as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Paper 1</td> <td>52</td> <td>72%</td> <td>1 hour 45 mins</td> </tr> <tr> <td>Paper 2</td> <td>28</td> <td></td> <td>1 hour 15 mins</td> </tr> <tr> <td>Assignment - February</td> <td>30</td> <td>28%</td> <td>1 hour 30 mins</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Paper 1	52	72%	1 hour 45 mins	Paper 2	28		1 hour 15 mins	Assignment - February	30	28%	1 hour 30 mins
Component	Marks	% of Total Mark	Duration														
Paper 1	52	72%	1 hour 45 mins														
Paper 2	28		1 hour 15 mins														
Assignment - February	30	28%	1 hour 30 mins														
Homework	<ul style="list-style-type: none"> • Students will be expected to read over class notes regularly, textbooks and resources posted on the Google Classroom on a weekly basis. • Students will be expected to carry out background reading in preparation for classes • Some essays and source questions will required to be completed at home as well as work on the assignment. 																
Progression	<ul style="list-style-type: none"> • Higher in another Social Subject • University or College courses in any social subject, law. • Careers in politics 																
Further Information	Students should have an interest in Politics and also Philosophy. Students should be prepared to have their beliefs questioned by the material we cover and also contribute to class discussion.																

Practical Electronics - National 4

Level of Study	National 4 Practical Electronics
Entry Requirements	Entry to this Course is at the discretion of the school. However, learners would normally be expected to have attained the skills and knowledge required by the following or by equivalent qualifications and/or experience: <ul style="list-style-type: none"> Numeracy (SCQF level 3)
Course Description	<p>Electronics is vital to everyday life in our society. This Course provides skills and a basic understanding of electronics and its impact. It provides a solid foundation for those considering further study, or a career, in electrical engineering and related disciplines. The Course also provides a valuable complementary practical experience for those studying Engineering Science, Physics or other pure science Courses.</p> <p>The electronics industry continues to be a major contributor to the economy. It contributes not only to manufacturing, but to other sectors such as finance, telecommunications, material processing, oil extraction, weather forecasting and renewable energy. Within all of these fields there exists a wide range of job opportunities for people with skills in electronics.</p> <p>The Course comprises four mandatory Units including the Added Value Unit. The first three Units listed below are designed to provide progression to the corresponding Units at National 5.</p> <p>Practical Electronics: Circuit Design (National 4) This Unit provides a basic understanding of key electrical concepts and electronic components. Learners will analyse straightforward electronic problems, design solutions to these problems and explore issues relating electronics to society and the environment.</p> <p>Practical Electronics: Circuit Simulation (National 4) In this Unit, the learner will use simulation software to assist in the design, construction and testing of simple circuits and systems and to investigate their behaviour.</p> <p>Practical Electronics: Circuit Construction (National 4) This Unit provides experience in assembling a range of simple electronic circuits, using permanent and non-permanent methods. Skills in practical wiring and assembly techniques will be developed, and basic testing and fault-finding carried out.</p> <p>Added Value Unit: Developing an Electronic Solution (National 4) This Unit requires the learner to apply skills and knowledge from the other Units to solve a straightforward electronics problem.</p> <p>Conditions of award To achieve the Practical Electronics (National 4) Course, learners must pass all of the required Units, including the Added Value Unit. The required Units are shown above. National 4 Courses are not graded.</p>
Homework	Pupils are expected to be regularly revising taught content on a weekly basis.
Progression	<ul style="list-style-type: none"> Other SQA qualifications in Practical Electronics or related areas Further study, employment and/or training
Further Information	Further information on the course can be found at: https://www.sqa.org.uk/files/nq/CfE_CourseSpec_N4_Technologies_PracticalElectronics.pdf or speak to any of the Physics staff for further information.

Practical Electronics - National 5

Level of Study	National 5 Practical Electronics												
Entry Requirements	Entry to this course is at the discretion of the school. Candidates should have achieved the fourth curriculum level or the National 4 Practical Electronics course or National 4 Engineering Science course or equivalent qualifications and/or experience prior to starting this course.												
Course Description	<p>Electronics brings together elements of technology, science and mathematics and applies these to real-world challenges. The course provides progression from experiences and outcomes in craft, design, engineering and graphics, and in science. It provides a solid foundation for those considering further study or a career in electronics, electrical engineering and related disciplines. The course also provides a valuable complementary practical experience for those studying engineering science, physics or other science courses.</p> <p>The electronics industry is vital to everyday life in our society and plays a major role in the economy. It contributes not only to manufacturing, but to other sectors such as finance, telecommunications, material processing, oil extraction, weather forecasting and renewable energy. Within all of these sectors, a wide range of job opportunities are available for people with skills in electronics.</p> <p>The National 5 Practical Electronics course provides a broad practical introduction to electronics. The course encourages candidates to become responsible and creative in their use of technologies and to develop attributes such as flexibility, enthusiasm, perseverance, reliability and confidence.</p> <p>The National 5 Practical Electronics course has three areas of study.</p> <p>Circuit design In this area, candidates develop an understanding of key electrical concepts and electronic components. Candidates analyse electronic problems, design solutions to these problems and explore issues relating to electronics.</p> <p>Circuit simulation In this area, candidates use simulation software to assist in the design, construction and testing of circuits and systems and to investigate their behaviour.</p> <p>Circuit construction In this area, candidates gain experience in assembling a range of electronic circuits, using permanent and non-permanent methods. They develop skills in practical wiring and assembly techniques, carrying out testing and evaluating functionality.</p> <p>The course is assessed as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>Scaled mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>1. Question paper</td> <td>60</td> <td>30 (30%)</td> <td>1 hour</td> </tr> <tr> <td>2. Project</td> <td>70</td> <td>n/a</td> <td>n/a</td> </tr> </tbody> </table>	Component	Marks	Scaled mark	Duration	1. Question paper	60	30 (30%)	1 hour	2. Project	70	n/a	n/a
Component	Marks	Scaled mark	Duration										
1. Question paper	60	30 (30%)	1 hour										
2. Project	70	n/a	n/a										
Homework	Pupils are expected to be regularly revising taught content on a weekly basis.												
Progression	<ul style="list-style-type: none"> Other qualifications Further study, employment and/or training 												
Further Information	Further information on the course can be found at: https://www.sqa.org.uk/files_ccc/PracticalElectronicsCourseSpecN5.pdf or speak to any of the Physics staff for further information.												

Practical Metalworking - National 5

Level of Study	National 5
Entry Requirements	The candidate must have an interest in working with metal and working practically with materials. It would also be beneficial to have a qualification in maths or Physics to N4 level.
Course Description	<p>This course will allow pupils to develop practical psychomotor skills (manual dexterity and control) in a universally popular practical craft. They are introduced to safe working practices and become proactive in matters of health and safety. They learn how to use a range of tools, equipment and materials safely and correctly.</p> <p>This course is practical in nature and over the course of the year they should have a greater knowledge and understanding of the following skills:</p> <ul style="list-style-type: none"> ◆ Metal working techniques ◆ measuring and marking out solid and hollow cross section metals & sheet metals. ◆ safe working practices in workshop environments ◆ practical creativity and problem-solving skills ◆ sustainability issues in a practical metalworking context ◆ producing a model to be within specific tolerances <p>The course is split into 2 assessments.</p> <p>Component 1 is a question paper marked out of 60 marks (worth 30% of final grade) Component 2 is a practical model marked out of 70 marks (worth 70% of final grade)</p>
Homework	As mentioned above, the theory side of the course is worth 30% of the final grade, so it would be highly beneficial for pupils to revise work done in class as there are regular class tests. There are homework booklets available on Google Classroom that can help with this.
Progression	<ul style="list-style-type: none"> • Unfortunately, there is no Higher Practical Metalworking available through the SQA to date. • Candidates can progress to the new Level 5/6 Furniture making course here at Culloden Academy. • Candidates can also continue on at level 5 to Foundation apprenticeship in Construction here at Culloden Academy. <p>Typically, however, pupils can go to college for further education or they can apply for an apprenticeship. This course would stand them in very good stead for this progression route.</p>
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Practical Woodworking - National 4

Level of Study	N4
Entry Requirements	Ideally the candidate should already be taking the subject in S3 although a capable pupil who has some experience in practical activities elsewhere should be able to cope well.
Course Description	<p>This course will allow pupils to develop practical psychomotor skills (manual dexterity and control) in a universally popular practical craft. They are introduced to safe working practices and become proactive in matters of health and safety. They learn how to use a range of tools, equipment and materials safely and correctly.</p> <p>This course is practical in nature and over the course of the year they should have a greater knowledge and understanding of the following skills:</p> <ul style="list-style-type: none"> ◆ woodworking techniques ◆ measuring and marking out timber sections and sheet materials ◆ safe working practices in workshop environments ◆ practical creativity and problem-solving skills ◆ sustainability issues in a practical woodworking context ◆ producing a model to be within specific tolerances <p>The course is split into 4 pass/fail assessments.</p> <p>Practical Woodworking: Flat-frame Construction Practical Woodworking: Carcase Construction Practical Woodworking: Machining and Finishing Practical Woodworking: Making a Finished Product from Wood</p>
Homework	As mentioned above, the theory side of the course is worth 30% of the final grade, so it would be highly beneficial for pupils to revise work done in class as there are regular class tests. There are homework booklets available on Google Classroom that can help with this.
Progression	<ul style="list-style-type: none"> ● N5 Practical Woodworking ● Candidates can progress to the new Level 5/6 Furniture making course here at Culloden Academy. ● Candidates can also continue on at level 5 to Construction skills units course here at Culloden Academy. <p>Typically, however, pupils can go to college for further education or they can apply for an apprenticeship. This course would stand them in very good stead for this progression route.</p>
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Practical Woodworking - National 5

Level of Study	National 5
Entry Requirements	Ideally the candidate should already be taking the subject in S3 although a capable pupil who has some experience in practical activities elsewhere should be able to cope well.
Course Description	<p>This course will allow pupils to develop practical psychomotor skills (manual dexterity and control) in a universally popular practical craft. They are introduced to safe working practices and become proactive in matters of health and safety. They learn how to use a range of tools, equipment and materials safely and correctly.</p> <p>This course is practical in nature and over the course of the year they should have a greater knowledge and understanding of the following skills:</p> <ul style="list-style-type: none"> ◆ woodworking techniques ◆ measuring and marking out timber sections and sheet materials ◆ safe working practices in workshop environments ◆ practical creativity and problem-solving skills ◆ sustainability issues in a practical woodworking context ◆ producing a model to be within specific tolerances <p>The course is split into 2 assessments.</p> <p>Component 1 is a question paper marked out of 60 marks (worth 30% of final grade) Component 2 is a practical model marked out of 70 marks (worth 70% of final grade)</p>
Homework	As mentioned above, the theory side of the course is worth 30% of the final grade, so it would be highly beneficial for pupils to revise work done in class as there are regular class tests. There are homework booklets available on Google Classroom that can help with this.
Progression	<ul style="list-style-type: none"> • Unfortunately there is no Higher Practical Woodworking available through the SQA to date. • Candidates can progress to the new Level 5/6 Furniture making course here at Culloden Academy. • Candidates can also continue on at level 5 to Construction skills units course here at Culloden Academy. <p>Typically, however, pupils can go to college for further education or they can apply for an apprenticeship. This course would stand them in very good stead for this progression route.</p>
Further Information	All resources will be provided by the department for this course also supported by the use of Chromebooks.

Religious, Moral and Philosophical Studies - National 4 / National 5

Level of Study	National 4/5																		
Entry Requirements	<ul style="list-style-type: none"> Proven ability in S3 - Religion, Belief & Values Award passed at Level 4; Good literacy skills and strong performance at Level 4/N5 English is highly recommended. Genuine interest in this subject. 																		
Course Description	<p>National RMPS asks pupils to examine the world around them and begin to think about how belief and morality makes people behave, and ask big questions about the world around them. It encourages critical thinking and nurtures curiosity about the world.</p> <p>The National course covers three areas of study.</p> <p>World Religions - Islam</p> <ul style="list-style-type: none"> Muslim beliefs – e.g. about Allah, Muhammad and the afterlife Muslim practices – e.g. the Five Pillars of Islam, prayer and worship The impact of Islam on the life of a Muslim The interconnectedness of the faith <p>Morality & Belief – Morality & Justice</p> <ul style="list-style-type: none"> Causes of crime – psychological and environmental Purposes and Methods of punishment – reformation, forgiveness & retribution; custodial and non-custodial sentences, whole life tariffs Capital Punishment Viewpoints on these issues, religious and non-religious <p>Religious & Philosophical Questions – The Problem of Evil & Suffering</p> <ul style="list-style-type: none"> The nature of God – omniscience, omnipotence Free will and determinism God’s role in suffering Humanity’s role in suffering The Fall of Man <p>The N5 course is assessed as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Component</th> <th style="width: 15%;">Marks</th> <th style="width: 25%;">% of Total Mark</th> <th style="width: 20%;">Duration</th> </tr> </thead> <tbody> <tr> <td>Question Paper - May</td> <td style="text-align: center;">80</td> <td style="text-align: center;">80</td> <td style="text-align: center;">2hr 20 mins</td> </tr> <tr> <td>Assignment - February</td> <td style="text-align: center;">20</td> <td style="text-align: center;">20</td> <td style="text-align: center;">1 hour</td> </tr> </tbody> </table> <p>The N4 course is assessed as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Component</th> <th style="width: 50%;">Assessment</th> </tr> </thead> <tbody> <tr> <td>Three Unit Assessments, one for each topic</td> <td>Internally assessed on a pass / fail basis</td> </tr> <tr> <td>Added Value Unit</td> <td>Internally assessed on a pass / fail basis</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Question Paper - May	80	80	2hr 20 mins	Assignment - February	20	20	1 hour	Component	Assessment	Three Unit Assessments, one for each topic	Internally assessed on a pass / fail basis	Added Value Unit	Internally assessed on a pass / fail basis
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Added Value Unit	Internally assessed on a pass / fail basis																		
Homework	<ul style="list-style-type: none"> Students are expected to regularly read over class notes, textbooks and resources posted on the Google Classroom on a weekly basis. Students will be expected to complete formal assessed pieces of work which help prepare them for the formal exam and Assignment. Students are issued with a book of past paper questions and model answers that they are expected to complete independently and hand in for feedback. 																		
Progression	<ul style="list-style-type: none"> N5 students are recommended for Higher RMPS N4 students are recommended for N5 RMPS We may also suggest an alternative social subject at an appropriate level 																		
Further Information	Students are either presented at either National 4 or National 5 level. The final level of presentation is determined by classwork, homework, end of unit assessments and prelim grade in January.																		

Religious, Moral and Philosophical Studies - Higher

Level of Study	Higher																
Entry Requirements	<ul style="list-style-type: none"> National 5 RMPS; or another Social Subjects at N5 level or National 5 English. Good literacy skills. Genuine interest in this subject. 																
Course Description	<p>Higher RMPS asks pupils to examine the world around them and begin to think about how belief and morality makes people behave, and ask big questions about the world around them. It encourages critical thinking and nurtures curiosity about the world.</p> <p>The Higher course covers three areas of study.</p> <p>World Religions - Buddhism</p> <ul style="list-style-type: none"> Buddhist beliefs – e.g. karma, reincarnation, the nature of the universe Buddhist practices – e.g. meditation and worship The impact of Buddhism on the life of a Buddhist The interconnectedness of the faith <p>Morality & Belief – Morality & Relationships</p> <ul style="list-style-type: none"> Human Relationships – age of consent, polyamory, fidelity Marriage – marriage in religion, arranged marriage, divorce Gender inequality – feminism, gender roles and stereotyping Exploitation – the modelling industry, the wage gap Viewpoints on these issues, religious and non-religious <p>Religious & Philosophical Questions – Origins</p> <ul style="list-style-type: none"> The Big Bang Theory – the theory and its evidence Genesis 1 – the source and its evidence The Theory of Evolution – the theory and its evidence Genesis 2 – the source and its evidence Compatibility between science and religion <p>The Higher course is assessed via essays as follows:</p> <table border="1"> <thead> <tr> <th>Component</th> <th>Marks</th> <th>% of Total Mark</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>Paper 1</td> <td>60</td> <td>72%</td> <td>2 hours 15 mins</td> </tr> <tr> <td>Paper 2</td> <td>20</td> <td></td> <td>45 minutes</td> </tr> <tr> <td>Assignment - February</td> <td>30</td> <td>28%</td> <td>1 hour 30 mins</td> </tr> </tbody> </table>	Component	Marks	% of Total Mark	Duration	Paper 1	60	72%	2 hours 15 mins	Paper 2	20		45 minutes	Assignment - February	30	28%	1 hour 30 mins
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Progression	<ul style="list-style-type: none"> Higher in another Social Subject University or college Employment 																
Further Information	Students are presented at Higher level and will either sit the examinations or complete SQA unit assessments if studying over two years. The final level of presentation is determined by classwork, homework, end of unit assessments and prelim grade.																

Young STEM Leader Award – Level 4

Level of Study	SCQF Level 4
Entry Requirements	Interest and enthusiasm for any or all of the STEM subjects (Science, Technology, Engineering, Mathematics). Good organisation skills, initiative and the willingness to present activities to a group of younger learners.
Course Description	<p>This course is designed to enable young people to support, engage and inspire others in STEM in their schools, communities or youth groups. On completion of these awards, Young Stem Leaders will be able to plan, lead and evaluate STEM activities, events and interactions.</p> <p>The course focusses on identifying the impact of STEM on people, society and the environment locally, nationally and internationally. Young Stem Leaders will deliver activities, events or interactions which share this impact with others. In addition, Young Stem Leaders are encouraged to explore and improve their own leadership and teamworking skills and qualities within their learning community.</p> <p>In order to deliver activities, learners will spend a portion of time supporting BGE S1/2 classes in their chosen field. The remainder of the time will be teacher led and/or spent working on their log.</p> <p>There is no final exam at the end of this course. Learners will complete a log of their journey through the course, including evidence of their research, experiences and activities delivered. The log will then be internally assessed on completion of the course.</p>
Homework	The course involves no formal homework, however, to meet deadlines and keep appropriate pace, their log may need to be enhanced and/or completed out-with class time.
Progression	<ul style="list-style-type: none"> • Young STEM Leader Award Level 5 • Learners preparing to leave school can apply to become a STEM Ambassador
Further Information	<p>The Young STEM Leader carries credit points as well as an award recognised by further education establishments and employers in the field of STEM.</p> <p>STEM comprises the following major areas of study:</p> <ul style="list-style-type: none"> • Natural, physical, and life sciences (sometimes including medicine) • Computer, electronics, and other technology-related disciplines • All types of engineering • Mathematics, or any field involving a heavy application of mathematical principles <p>A robust STEM education is becoming more and more important to our economy. Employment in STEM occupations is projected to grow 8.8% by 2028, and healthcare occupations, which generally require a strong STEM background, are projected to grow even more.</p>

Travel & Tourism - National 4 and National 5

Level of Study	National 4/5
Entry Requirements	<p>National 4: Students should ideally be sitting English at National 4 level.</p> <p>National 5: Students should have achieved at National 4 level in a Business subject such as Business or Administration. Alternatively, they may have achieved at a similar level in another English-based subject.</p>
Course Description	<p>This course has no final exam, as learners are assessed throughout the year in relation to the 4 course areas:</p> <ul style="list-style-type: none"> • Employability: Learners who complete this unit will be able to investigate different careers from across the travel and tourism industry. They will also be able to demonstrate employability skills and plan for employment in a particular travel and tourism job. • Customer Service: Learners who complete this unit will be able to establish and respond to customer needs and promote a range of products and/or services from the travel and tourism industry. Learners will also be able to deal with a customer issue in a travel and tourism environment. • Scotland: Learners who complete this unit will be able to carry out an investigation of travel and tourism in Scotland and meet customer holiday needs. • UK and Worldwide: Learners who complete this unit will be able to carry out an investigation of travel and tourism in UK and rest of the world to meet the customer holiday needs.
Homework	During the year student will receive regular homework to check understanding and ensure they are keeping up with the pace of work.
Progression	<p>Skills for Work in Travel and Tourism at SCQF levels 4 and 5 may provide progression to:</p> <ul style="list-style-type: none"> ▪ Other SQA Travel and Tourism Courses or to Scottish Vocational Qualifications (SVQs) in Travel and Tourism ▪ Further education ▪ Employment in the travel and tourism industry
Further Information	www.cullodenbusiness.weebly.com

Young Enterprise - Level 6

Level of Study	Higher equivalent
Entry Requirements	Students should be entering S6 and have the enthusiasm necessary to start their own company.
Course Description	<p>Students set up and run their own student company. They make all the decisions about their business, from deciding on the company name and product to managing the company finances. Students sell to the public with pop up shops at YE Trade Fairs and on YE Market Place, the dedicated online sales platform. Participants gain the practical business experience, adaptability, entrepreneurial mindset and employability skills needed to secure successful futures.</p> <p>The programme now sits at SCQF Level 6 with between 26-30 Credit Points, meaning that students' hard work and entrepreneurial drive will be even more easily recognised by future education providers and employers.</p>
Homework	A lot of the work surrounding setting up the business and selling their product will be done out of class time. Students should be prepared for this significant extra-curricular commitment.
Progression	This course will develop confidence and innovation in students. It will provide them with valuable experiences to enhance future applications for university or a career.
Further Information	www.cullodenbusiness.weebly.com