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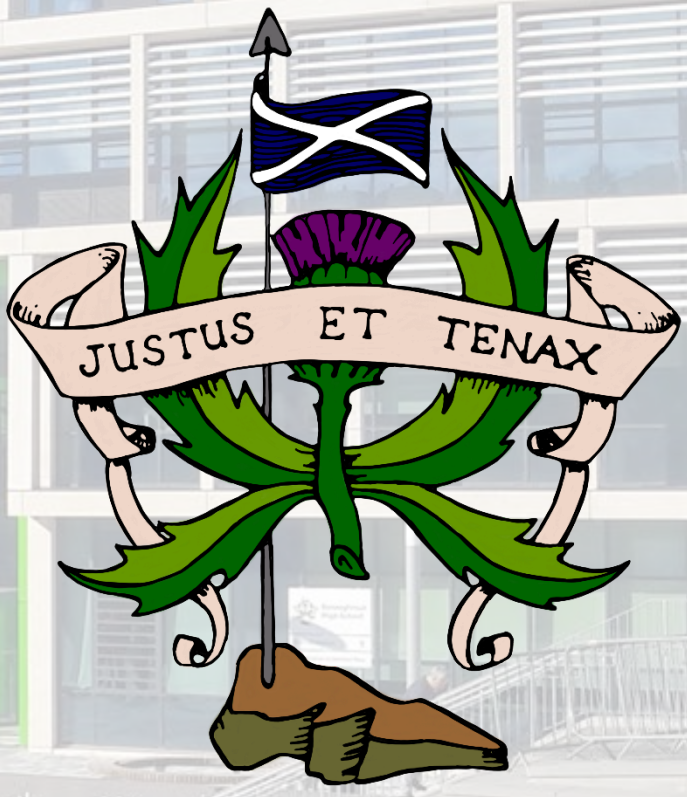
BOROUGHMUIR HIGH SCHOOL



INFORMATION ON S5 AND S6 COURSES FOR PERSONALISATION & CHOICE IN THE SENIOR SCHOOL

SESSION 2022 – 2023

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Dear Parent/Carer/Pupil

S5/6 is about preparing for the next stage in your education and making you an attractive candidate for employment, training or further study. You need to remember you have a range of options and school is only one of them.

You will get the most from S5/6 if you have some idea of what you would like to achieve over the next couple of years (or next year).

If you need advice, speak to plenty of people including your parents/carers, family and friends, teachers, careers adviser etc. It is important you make informed decisions. Sometimes the information you get from one person will conflict with someone else's comments. That is okay, just look into things a little more to help make your mind up about the best path for you. Research is the key!

Remember you can use the My World of Work (MWOW) website to learn more about yourself, including where your strengths lie. You will get suggestions to help you explore your options, from school subjects through to changes in your career. You can search for courses, and get advice on UCAS and college applications. There is information on qualifications, volunteering, and funding – including SDS Individual Training Accounts. You can also use it to find job or Modern Apprenticeship vacancies. Then use the tips and tools for CVs, application forms and interviews to help you get it. Sign up for MWOW at **https://www.myworldofwork.co.uk/**

Our Careers Coach, Ms Davidson, is in school on a regular basis to provide careers information and advice.
She can help students to:

- Choose subjects, considering interests and abilities
- Decide on a suitable career
- Apply for jobs or training places
- Apply to college or university courses
- Access the website *My World of Work* http://www.myworldofwork.co.uk

Students can request an interview through their guidance teacher to discuss their ideas and plans in detail.

The information contained in this booklet is designed to assist in the choice of an appropriate course for all pupils in S5/S6 in Boroughmuir High School. Further information will be issued regarding on all aspects of Senior School Courses at the start of February.

Note 1 - Key code for levels of course

Level 1	Red
Level 2	Orange
Level 3	Yellow
NAT 4	Green
NAT 5/NPA	Blue
Higher	Purple
Advanced Higher/College	Pink

Note 2 - The information contained in this booklet is accurate at the time of printing and is subject to change. Any subsequent changes will be announced to all pupils.

Note 3 - Courses which fail to achieve a viable number of pupils are subject to cancellation. In all cases parents and pupils will be informed and alternatives discussed. Higher classes must have a minimum of 15 pupils. Advanced Higher classes must have a minimum of 10 pupils.
The City of Edinburgh Council are currently reviewing the provision of Advanced Higher courses in schools and are likely to move to consortia arrangements where different schools offer different Advanced Highers. While this may result in not all Advanced Higher courses being offered at Boroughmuir, courses may be available at other schools/centres. Due to the current pandemic any consortia arrangements may involve remote learning,

Note 4 - Pupils opting for a course provided by Edinburgh College should **ensure they have selected a back-up option in school**. Pupils can discuss with the Year Head where provision occurs across the city if some subjects are not offered at Boroughmuir. However, travel costs may have to be paid by the pupil as the school is not given a travel budget. Please note that until we have confirmation of college courses running pupils will be allocated their in school option.

C Paterson
Depute Head Teacher S5/6

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BOROUGHMUIR HIGH SCHOOL

FIFTH & SIXTH YEAR COURSES SESSION 2022 – 2023

SECTION	COURSE
INTRODUCTION	Post School Pathways Mythbusters University Entrance / College / Modern Apprenticeships LEAPS Transition Course Entry into S5 Entry into S6 Personal & Social Education in S5 and S6
SECTION 1 **SCQF LEVEL 5 COURSES**	Applications of Mathematics National 4 Applications of Mathematics National 5 Art & Design Admin & IT Biology Business Management Chemistry Computing Science Digital Media Editing English Health & Food Technology Hospitality – Practical Cookery Mathematics Media Studies Photography Physics Practical Science Practical Woodworking Sport & Exercise Leadership
SECTION 2 **SCQF LEVEL 6 COURSES**	Applications of Mathematics Art & Design Biology Business Management Chemistry Computing Science Data Science (S6 Only) Design & Manufacture Drama Economics Engineering Science English Film and Media Geography Graphic Communication Health & Food Technology History Human Biology Mathematics Media Studies Modern Languages – French/German/Mandarin/Spanish

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	Modern Studies Music Philosophy Photography Physical Education Physics Religious, Moral and Philosophical Studies

SECTION 3 **SCQF LEVEL 7 COURSES**	Art & Design Biology Business Management Chemistry Computing Database Design and Programming (Oracle) Design & Manufacture Drama Engineering Science English Geography Health & Food Technology History LEAPS Transition Course Mathematics Mathematics of Mechanics Mathematics – Statistics Modern Languages – French/German/Spanish Modern Studies Music Physical Education Physics Religious, Moral and Philosophical Studies Scottish Science Baccalaureate Interdisciplinary Project
Course descriptors and Entry requirements for School College Partnership Courses 2020-21	

SCQF Level 4 → National 4
SCQF Level 5 → National 5
SCQF Level 6 → Higher
SCQF Level 7 → Advanced Higher or equivalent

COLOUR KEYCODE:

Level 1	Red
Level 2	Orange
Level 3	Yellow
NAT 4	Green
NAT 5/NPA	Blue
Higher	Purple
Advanced Higher/College	Pink

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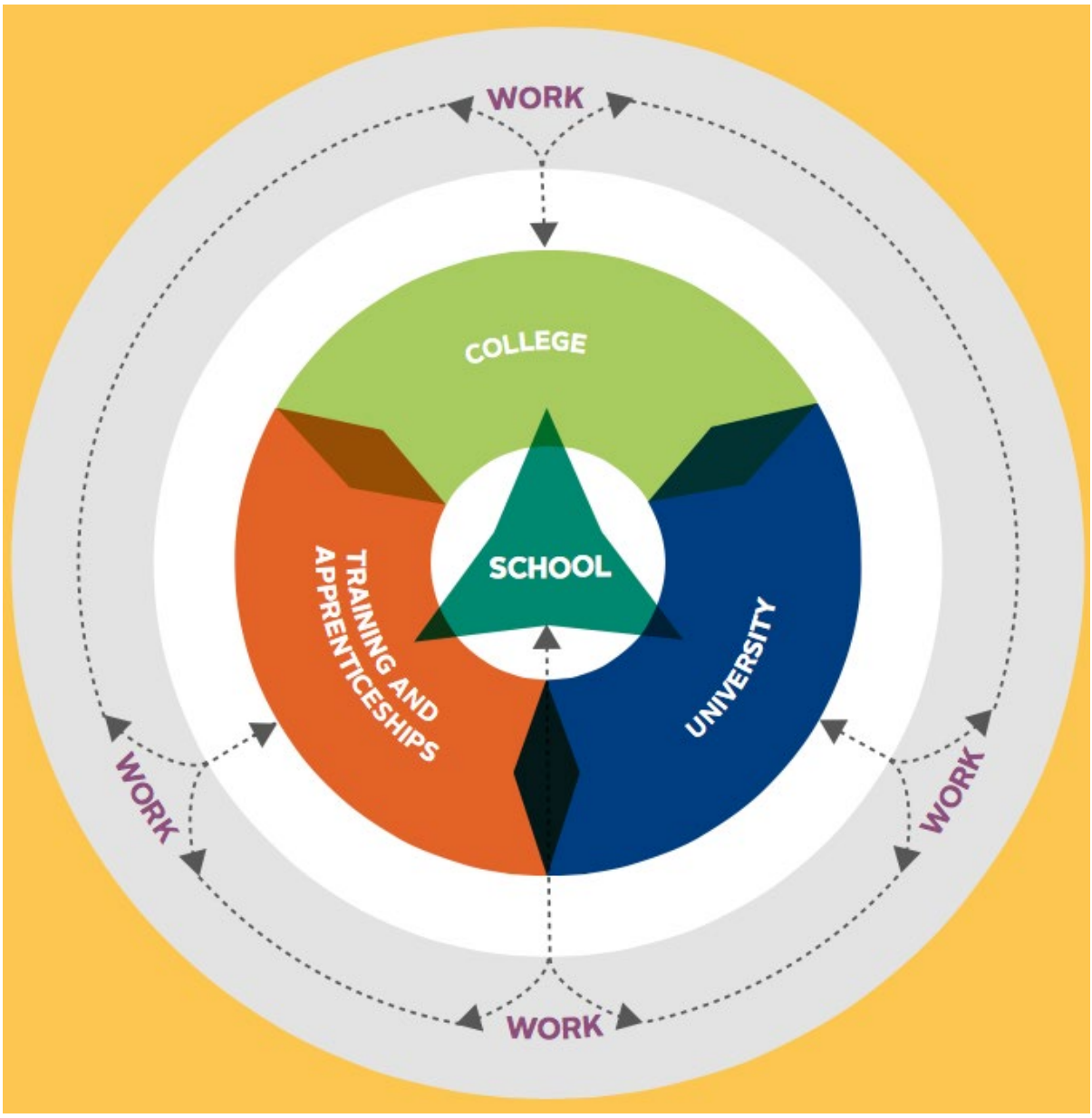
Post School Pathways

The diagram below has been reproduced from the *National Parent Forum Scotland* (NPFS) publication called *Career Education: A World of Possibilities*. The National Parent Forum produces a wide range of documents written in pupil and parent friendly language without jargon. This diagram reminds us that the ultimate goal for our young people is for them to find fulfilment and success in the world of work and that there are many different routes open to young people post school to continue their journeys as learners. There are many ways to enter the workplace, get a good job and have a successful career.



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Mythbusters!

College is for less academic pupils

False!

Colleges offer a huge range of courses at a wide range of levels. They offer a range of vocational training and skills development that is not possible in a school. They have very specialised facilities that a school could never offer. The courses on offer are suitable for pupils with a small number of National 3/4 qualifications and also those with good higher grades.

They may offer qualifications you do not recognise, but these qualifications will be recognised and valued by employers. Colleges work closely with employers and universities to make sure their courses prepare young people well for the workplace or further study.
Some college places are very competitive with high calibre candidates applying for them.

I need to go to straight to university to get a degree

False!

For some pupils, moving to university straight from school is a step too far. They struggle with the workload; they do not cope very well with the level of independent study required or they can choose the wrong course. The drop out rate at university is higher than it should be.

You can go to college first, study for an HNC/HND and gain entry into University (sometimes straight into second year). This can be a very positive experience as students gain confidence as the work is at a more appropriate level and progresses at a more suitable rate. The nature of the work can be more relevant and motivating. The skills developed will be of direct relevance to the employment sector you are working within, making you an attractive candidate for employers.

There is always the option to move into employment or further study. There may be the opportunity to move into employment with further training being supported by an employer.

I need to study three sciences to be a doctor/vet/etc

False!

You will need five very good Highers usually including Biology (or Human Biology) and **two** from Chemistry/Physics/Maths. If you have a specific university in mind, you should check with their admissions office for details. Some universities are happy for you to 'top up' with any missing subjects (eg Physics) in S6 providing you get the necessary grades in any subjects in S5.

I will increase my chances of getting a job if I stay until the end of S6

Perhaps.

If you come back to school because you didn't know what else to do and it is what all your friends were doing, you might not improve your chances of getting a job. A significant number of senior of pupils, particularly in S6, have poor attendance patterns. They are effectively taking 1.5 days off every two weeks. When it comes to course work and exams, they suddenly find themselves in trouble part way through the year. They haven't developed a strong work ethic and attendance and punctuality is poor and they gain very little in terms of additional qualifications. None of this looks good on a CV or reference!

If you have a clear plan about what you want to get from S5/6, work closely and openly with your teachers and Pupil Support Leader and keep an open mind about your future then you will increase your chances of getting a job.

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Apprenticeships are only relevant if I want to go into one of the 'trades'

False!

There is a huge range of apprenticeships available to young people. There is a section in this booklet about apprenticeships. Apprenticeships do cover the traditional 'trades' but much more besides.

A foundation Apprenticeship is a low level, basic qualification

Very false!

A foundation apprenticeship (FA) blurs the boundaries between work and school. Successful completion of a foundation apprenticeship can be worth up to 2 Highers. Those who complete the FA also gain invaluable skills developed in a real life work context. They may be called '*Foundation'* but they certainly are not basic.

Taking an apprenticeship will limit my opportunities

False!

Apprenticeships can cover a huge range in terms of the demand they place on individuals. A Professional Apprenticeship at SVQ level 5 is equivalent to a Post Graduate Qualification or Masters Degree. You can see the equivalence of different qualifications if at https://scqf.org.uk/interactive-framework/

Employers only value academic qualifications

False!

Obviously, employers value academic qualifications as this shows a level of commitment, ability and resilience. However, they are only part of the story. Employers also value the following:

- Flexibility
- Resourcefulness and a problem-solving attitude
- Reliability and punctuality
- Communication skills
- Team workers
- Determination
- Positive attitude, cheerfulness and energy

These qualities are not measured by exams. How could you develop these skills and be able to demonstrate to an employer that you have them? On many occasions, the best person for the job isn't the one with the best grades, it's the one with the good grades and the best set of employability skills.

There is nothing at school for 'Christmas Leavers'

False!

If you are a '*Christmas Leaver'* (you are 16 after 30 Sept 2022) you must stay on the school roll until December 2022. If you want to leave school before May 2023, we would like to work closely with you to help you reach your goal. There are a number of people we can work with to make you better prepared for a college placement or getting a job. Speak to your Pupil Support Leader for advice, the earlier you do this, the better we can support you.

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UNIVERSITY ENTRANCE

Scottish Universities

Generally they issue 'unconditional offers' based on Highers achieved in one sitting. A pupil may receive a 'conditional' offer based on additional Highers to be taken in S6. Some Universities will offer a place into the second year of a degree course based on good Advanced Higher results. Some universities use the UCAS tariff system. Please see below.

English Universities

Most appear to be issuing conditional offers based on three Advanced Higher passes at A grade.
All qualifications are part of the SCQF (Scottish Credit Qualifications Framework) as shown below.

UCAS TARIFF SYSTEM
Scottish Qualifications

Grade					
Advanced Higher	Higher	Ungraded Higher	NPA PC Passport	Core Skills	Tariff Points
A					56
B					48
C					40
	A				33
D					32
	B				27
	C				21
			Pass	Pass	21
	D				15
				Higher	6

COLLEGE

Colleges offer a huge range of courses at a wide range of levels. They offer a range of vocational training and skills development that is not possible in a school. They have very specialised facilities that a school could never offer. The courses on offer are suitable for pupils with a small number of National 3/4 qualifications and those with good higher grades. They may offer qualifications you do not recognise, but these qualifications will be recognised and valued by employers. Colleges work closely with employers and universities to make sure their courses prepare young people well for the workplace or further study. College places can be very competitive with high calibre candidates applying for them. Edinburgh College is currently the biggest provider of students to the universities in Edinburgh.

MODERN APPRENTICESHIPS

A Modern Apprenticeship is all about learning while you work – and earning at the same time. There are a huge range of apprenticeships available to young people. Apprenticeships do cover the traditional 'trades' but much more besides.

Anyone aged 16 and over can become a Modern Apprentice. From day one you'll:

- Have a real job, with a real employer that earns you real pay
- Gain skills and hands-on experience that employers value
- Work towards an industry-recognised qualification

Across Scotland over 25,000 people every year are taking the opportunity to get the skills and experience that count. There are over 80 types of apprenticeships including creative industries, energy, hospitality and tourism, construction, ICT and digital technologies and financial and business services.
More information can be found through the links below:
https://www.myworldofwork.co.uk/getting-job/apprenticeships
https://www.npfs.org.uk/downloads/apprenticeships-in-a-nutshell/
http://apprenticeship.scot/
https://www.theguarantee.org/

Apprenticeships can cover a huge range in terms of the demand they place on individuals. A Professional Apprenticeship at SVQ level 5 is equivalent to a Post Graduate Qualification or Masters Degree. You can see the equivalence of different qualifications overleaf:

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LEAPS Transitions Course
Get the academic edge for university

LEAPS
Promoting access to higher education since 1996

LEAPS Transitions Course

www.leapsonline.org/transitions-course

Course Overview
The LEAPS Transitions Course is designed to give students the skills and experience they need to make a positive transition from school to university. Throughout the course, students work with academics and students from other schools on first-year university-level academic skills, developing confidence and an understanding of what it takes to be successful at university. This is a unique opportunity to get the 'uni' experience before starting for real.

Course Description
The course will be taught via interactive lectures, workshops, tutorial discussion, online participation and independent study. Students will also participate in project work, library research and meetings with tutors and students. Semester one will focus on academic skills and a writing assessment; semester two will have a lecture series and a group poster assessment.

Entry Requirements
The course is offered to LEAPS-eligible UCAS applicants and will typically be taken in S6.
We have no formal entry requirements, other than we anticipate students taking the course will be planning to apply to higher education. For example, students will either have Highers/Nat 5s required for university entry, or are taking these in S6.

Course Level
The course has been credit-rated by the Centre for Open Learning at the University of Edinburgh and is offered as a 20 credit SCQF Level 7 course, which is the same level as Advanced Higher/first-year university-level study.

Length of Course/Time Commitment
25 Weeks, from September 2022 – March 2023. (Total time commitment approx. 200 hours.)
The time commitment is approximately six hours per week, plus assessment preparation.

Location of Course
The course will be a blend of remote online sessions and in-person sessions (TBD) on university campuses in Edinburgh. Travel arrangements and costs will be supported by LEAPS.

Course Structure
The course forms one option on a student's S6 timetable.
Sessions will take place on a Tuesday and a Thursday afternoon from September 2022 until March 2023.
Students must attend these live sessions whether digitally or in person, and their classes will comprise a mix of students from other schools.

Skills
- **Higher Education Academic Skills** (critical thinking, academic writing, academic resources, discussion & presentation skills, academic posters, evidence including referencing and plagiarism, feedback)
- **Independent Learning** (self-directed study, time management, problem solving)
- **Digital Literacy** (virtual learning environments, online academic library collections)

Coursework (homework)
Weekly coursework (independent study) will be allocated to students. This includes weekly preparation for tutorials.

Assessment
There are two formal (graded) assessments and additional informal (formative) assessments;
- Individual Written Assessment on Academic Skills 60% (Formal)
- Academic Poster Presentations (group work) 40% (Formal)
- Reflective zine 'notes for my future self' drawing on all of the themes of the course (Informal)

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University Admissions

University admissions officers may take the course into consideration when deciding if they will offer a student a place, as by taking the course students are demonstrating that they are committed to preparing for university-level study. Conversations with individual universities about how they will specifically consider the course are ongoing.

Possible Progression

Students who take this course are likely to be aiming for university, either directly after school or via college.

Useful Links:

A video overview of the course can be found at: www.leapsonline.org/transitions-course
We will update this web page with more detailed information about the course as and when it is available.

Queries

If you have any queries, please contact us at leaps@ed.ac.uk

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S5 INFORMATION

The majority of pupils returning to S5 should be committed to following a FULL timetable of 28 periods per week. In some **exceptional circumstances** a pupil will do fewer.

Pupils who will not be 16 by 30 September 2021 **must either** return to school **or** investigate college courses which run from August-December 2021. Guidance staff will help complete application forms.

Course Choice Guidance for S4 Pupils

Progresses to

National 4 Pass → National 5 Courses or NPA

National 5 A, B or C* Pass → Higher or NPA Courses

Subject Curriculum Leaders have provided proposed levels of study for pupils who may wish to continue studying the subject in S5 or S6 based on S4 performance.

Pupils must look carefully at the workload across their proposed 5 subjects before making their choice. The pace of learning and volume of assessment increases from their National course and many pupils find the demands of 4 or 5 Highers too great.

All pupils in general should try to avoid taking a subject at Higher level which they have not studied at National 5.

Once the SQA results are published in August re-coursing will take place with the Pupil Support Leaders and Mrs Paterson.

*A 'C' pass at National 5 may require negotiation with the subject Curriculum Leader. This is because in some subjects your chances of passing the Higher when you have a N5 'C' are not as good.

School/College Partnership

Most courses run on a Tuesday and Thursday afternoon in column E.

- **Foundation Apprenticeships** offer 'on the job' training and are offered in a range of careers. Don't be misled by the title 'Foundation', these are great opportunities. They lead to qualifications equivalent to higher and are increasingly recognised by Universities as well as employers. Across Edinburgh, 100% of participants in last year's programme found either employment, training or a College/Uni place. A Foundation Apprenticeship can be great preparation for your next step after school, more information can be found on the Edinburgh College website.

For more details regarding the entry requirements, please see the back of the booklet.

- Other SCP (School College Partnerships courses) are available for the travel column which run on a Tuesday and Thursday afternoon. Please see the back of this booklet.

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ENTRY INTO S6

- Pupils progressing to University should think about studying an Advanced Higher subject in preparation for Year 1 degree level work if they have achieved 4 or 5 very good higher passes.
- Pupils applying to an English University will require at least 2 Advanced Highers
- S6 provision will help pupils who need to improve on their existing Higher qualifications in order to have a realistic chance of gaining entry to University/College/Employment or a Modern Apprenticeship.
- A significant number of S5 pupils will find that employment or full time college courses at Higher National level are more appropriate than returning to S6.
- Pupils returning will be given help and advice on an **appropriate** course. This will be subject to change once their Higher results are available in August.
- Course Choice Guidance for S5 Pupils

Progresses to

NAT 5 Pass at A, B or C*	→	Higher Course
Higher Pass at A or B	→	Advanced Higher Course

Pupils returning for S6 must be capable of following one of the patterns of courses below. Pupils will not do more than 3 subjects unless in exceptional circumstances.

1. 2/3 Advanced Highers if considering an English University
2. 2 Advanced Highers + combination of school based course or Higher/National 5
3. 1 Advanced Higher + combination of Higher/National 5/ school based subjects
4. 3 courses, combination of Highers/Nat5 + school based subjects

Pupils must continue with their course of study from August through to the examination in May. Pupils will be required to sign a Senior School Agreement when they return in August.

*Any 'C' pass at National 5 may require negotiation with the Curriculum Leader.

PERSONAL & SOCIAL EDUCATION IN S5 AND S6

All senior pupils will have a Guidance Teacher. He/she will have contact with this Guidance Teacher throughout the session. During this time Guidance staff will use the SEEMIS Tracking System to track pupil progress across all subjects and deliver a programme of Personal & Social Education covering Health and Careers issues. S6 pupils will complete appropriate post school applications for University/College or employment etc with the support of their guidance teacher, Careers Adviser and Year Head.

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Department **MATHEMATICS**

Course Applications of Mathematics

Level National 4

Entry Requirement S4 → S5	National 3 Applications of Mathematics pass **and** a recommendation from your S4 teacher
Entry Requirement S5 → S6	National 3 Applications of Mathematics pass **and** a recommendation from your S4 or S5 teacher

Progression Route	Pupils may progress to • National 5 Applications of Mathematics National 4 Applications of Mathematics may be may be sufficient for your next step as it provides progression to further study, employment or training.

Course Format	• Managing Finance and Statistics • Geometry and Measures • Numeracy • Added Value Unit assessment

Course Details

Managing Finance and Statistics (Nat 4) covers the use of mathematical ideas and valid strategies applied to managing finance and statistics in real-life contexts. This includes budgeting, organising and presenting data to justify solutions and/or draw conclusions.

Geometry and Measures (Nat 4) covers the use of mathematical ideas and valid strategies applied to geometry and measurement in real-life contexts. This includes interpreting and using shape, space and measures to determine and explain solutions.

Numeracy (Nat 4) develops learners' numerical and information handling skills to solve real-life problems involving number, money, time and measurement, graphical data and probability. Learners will use their solutions to make and justify decisions.

Added Value Unit: Applications of Mathematics Test (Nat 4) enables learners to demonstrate breadth, challenge and application of skills developed across the course. There are two question papers and one of the papers is non-calculator.

Purpose: The course aims to

- develop the learner's ability to select, apply, combine and adapt mathematical operational skills to new and unfamiliar situations in life and work and in a range of real-life situations
- develop the learner's ability to use mathematical reasoning skills to generalise, build arguments, draw logical conclusions, assess risk, make informed decisions
- communicate mathematical information in a variety of forms

Course Assessment: All units are internally assessed.

Homework: 2-3 hours per week.

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Department **MATHEMATICS**

Course Applications of Mathematics

Level National 5

Entry Requirement S4 → S5	National 4 Mathematics pass **or** National 4 Applications of Mathematics pass **and** a recommendation from your S4 teacher
Entry Requirement S5 → S6	National 4 Mathematics pass **or** National 4 Applications of Mathematics pass **and** a recommendation from your S4 or S5 teacher

Progression Route	Pupils may progress to • **Higher Applications of Mathematics** It is **not possible** to progress to **Higher Mathematics** from National 5 Applications of Mathematics. National 5 Applications of Mathematics may be sufficient for your next step. It can serve as an entry requirement to a variety of higher and further education courses.

Course Format	• Managing Finance and Statistics • Geometry and Measures • Numeracy

Course Details

Managing Finance and Statistics (Nat 5) covers the use of mathematical ideas and valid strategies applied to managing finance and statistics in real-life contexts. This includes analysing financial positions, budgeting, organising and presenting data to justify solutions and/or draw conclusions.

Geometry and Measures (Nat 5) covers the use of mathematical ideas and valid strategies applied to geometry and measurement in real-life contexts. This includes analysing and using geometry and measures to determine and justify solutions.

Numeracy (Nat 5) develops learners' numerical and information handling skills to solve real-life problems involving number, money, time and measurement, graphical data and probability. Learners will use their solutions to make and justify decisions.

Purpose: The course aims to

- develop the learner's ability to select, apply, combine and adapt mathematical operational skills to new and unfamiliar situations in life and work and in a range of real-life situations
- develop the learner's ability to use mathematical reasoning skills to generalise, build arguments, draw logical conclusions, assess risk, make informed decisions
- communicate mathematical information in a variety of forms

Course Assessment: There is an external SQA exam which is graded. There are two question papers requiring candidates to demonstrate breadth, challenge and application in real-life contexts. One of the papers is non-calculator.

Homework: 2-3 hours per week.

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Department **ART & DESIGN**

Course Art & Design

Level National 5

Entry Requirement S4 → S5	National 4 pass in Art & Design **and** at the discretion of Curriculum Leader
Entry Requirement S5 → S6	At the discretion of Curriculum Leader

Progression Route	An A pass at National 5 can lead to studying Higher Art & Design or Higher Photography or employment or study within the Creative Industries

Course Format	**Unit 1:** Expressive Activity with Art Studies **Unit 2:** Design Activity with Design Studies

Course Details

The Course has an integrated approach to learning and includes a mix of practical learning and knowledge and understanding of art and design practice.
In the Course learners will draw upon their understanding of the main factors influencing artists' and designers' work and practice. They will experiment with, and use, a range of art and design materials, techniques and/or technology to develop their own creative art and design work. Learners will use problem solving skills and self-reflect on their creative choices and decisions when developing their creative ideas.

Art and Design: Expressive Activity (National 5)
This Unit helps learners to develop their personal thoughts and ideas in visual form. In the Unit, learners will develop critical understanding of artists' working practices and the social and cultural influences affecting their work. They will select stimuli and produce analytical drawings and studies. They will develop and refine their expressive ideas and artwork, experimenting with and using a range of materials, techniques and/or technology to develop a folio to present to the SQA for assessment.

Art and Design: Design Activity (National 5)
In this Unit learners will plan, research and develop creative design work in response to a design brief. They will develop their creativity, problem solving and critical thinking skills as they consider design opportunities, and work to resolve design issues and constraints. In the Unit, learners will develop critical understanding of designers' working practices and the main social and cultural influences affecting their work. They will experiment with, develop and refine their design ideas, using a range of materials, techniques and/or technology in 2D and/or 3D formats to develop a folio to present to the SQA for assessment.

Question paper: Pupils will sit a written exam (1 Hr 30 mins) responding to questions about Expressive and Design artwork.

Course assessment structure
Design folio – 100 marks
Expressive folio - 100 marks
Question paper – 50 marks
Total - 250 marks

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Department **BIOLOGY**

Course Biology

Level N5

Entry Requirement S4 → S5	National 4 pass in Biology
Entry Requirement S5 → S6	National 4 pass in Biology or National 5 pass in Physics or Chemistry Grade A to C

Progression Route	Pupils achieving a grade A or B may progress to Higher Biology or Higher Human Biology in S6. Pupils may find this subject useful if going on to study, nursing, any bioscience, Sport & Exercise, PE, medicine, veterinary medicine, dentistry at college or university.

Course Format	The Unit titles for the course are: • Cell Biology – exploring the structures inside cells and the functions they carry out. • Multicellular Organisms – an introduction to the structure and function of the nervous, circulatory, reproductive and respiratory systems • Life on Earth – An exploration of how living things interact in their ecosystems and how they depend on one another. A more detailed breakdown of the course can be found at: https://www.sqa.org.uk/files_ccc/N5CourseSpecBiology.pdf

Course Details

Biology, the study of living organisms, plays a crucial role in our everyday existence and is an increasingly important subject in the modern world. Biology affects everyone and aims to find solutions to many of the world's problems. Advances in technologies have made this varied subject more exciting and relevant than ever.

Biology courses encourage the development of skills and resourcefulness, leading to students becoming more confident individuals. Successful learners in biology think creatively, analyse and solve problems. Studying relevant areas of biology such as health, environment and sustainability helps to produce responsible citizens.

Home-study: Home-study is required most nights to consolidate class work, to complete class work and prepare for assignments. This should be 3 to 4 hours per week, depending on the time of year and the effectiveness of the pupil's study skills.

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Department **BUSINESS EDUCATION**

Course Admin & IT

Level National 5

Entry Requirement S4 □ S5	National 4 in Maths
Entry Requirement S5 □ S6	National 4 in Maths and English

Progression Route	Completion of this course could lead to further study in Higher Admin & IT or provide the skills needed for employment in organisations and business. It could also provide entry requirements for many college courses such as Administration and Information Technology or Administration and IT with Business at Higher or SVQ level.

Course Format	**Unit 1:** Administration Theory in the Workplace **Unit 2:** IT Solutions for Administrators **Unit 3:** Communication in Administration

Course Details

The course contains a significant practical component, encouraging the integration of skills, knowledge and understanding through practical activites. The course makes an important contribution to general education through developing a range of essential skills which will stand learners in good stead regardless of the career path they ultimately choose. Its contribution to vocational education is just as significant, as it opens up progression to a range of careers in administration and IT.

You will develop administrative and IT skills, enabling you to effectively contribute to and support organisations by:

- Developing an understanding of administration theory in the workplace
- Developing IT skills (word processing, spreadsheets, databases, desktop publishing and presentation) and using them to perform administrative tasks related to an event or business
- Developing skills in using technology for electronic communication and investigation

Acquiring organisational skills in the context of organising and supporting events.

Homework

Homework will be done on a regular basis with the completion of work from lessons.
Homework will also be given in preparation for tests and exams.

Assessment

At National 5, an external exam will cover all course content and will count for 42% of the final grade. The other 58% will be assessed by an assignment which will be carried out in class under exam conditions then externally marked by SQA. This will involve demonstrating the use of different IT applications and theory of administration in the workplace.

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Department **BUSINESS EDUCATION**

Course Business Management

Level National 5

Entry Requirement S4 → S5	National 4 in Business
Entry Requirement S5 → S6	National 4 in Business or National 5 (A-C) in English, Maths and one other Social Subject

Progression Route	Completion of this course could lead to further study in Higher Business Management or provide the skills needed for employment in organisations and business. It could also provide entry requirements for many college courses such as Human Resource Management, Business Studies or Administration at Higher National or SVQ level.

Course Format	**Unit 1:** Understanding Business **Unit 2:** Management of Marketing and Operations **Unit 3:** Management of People and Finance

Course Details

Understanding Business
Candidates are introduced to the business environment while developing skills, knowledge and understanding of enterprise, and the role of different types of business organisations in society.
They also learn about the internal and external environments in which organisations operate, and the role of stakeholders in business.

Management of Marketing and Operations
Candidates develop skills, knowledge and understanding of the importance to organisations of having effective marketing systems and how to remain competitive. They learn about the processes and procedures used to maintain quality through the effective management of suppliers, inventory, and methods of production in an ethical manner.

Management of people and finance
Candidates develop skills, knowledge and understanding of the issues facing organisations when managing people. They learn about the basic theories, concepts and processes relating to financial aspects of business, when preparing and interpreting information to solve financial problems facing organisations.

Assessment
Regular mid-unit and end-of-unit tests will be carried out to assess pupil progress. The course award will be assessed by an internal coursework (25%) and an external exam (75%).

Homework
Homework will be done on a regular basis with the completion of work from lessons. Pupils will be expected to revise course notes regularly and will have access to online material to help assist them with their homework assignment and revision.

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Department **CHEMISTRY**

Course Chemistry

Level National 5 (1 year)

Entry Requirement S4 → S5	*If wanting to take Chemistry for the first time*: Grade A or B in National 5 Physics, Biology or Maths *Must see Curricular Leader for any other entry requirements*
Entry Requirement S5 → S6	*If wanting to take Chemistry for the first time*: Grade A or B in National 5 Physics, Biology or Maths *Must see Curricular Leader for any other entry requirements*

Progression Route	This Course or its Units may provide progression to: Higher Chemistry, Higher Physics, Higher Biology/Human Biology **Careers:** Pharmacologist Analytical Chemist Chemical engineer Forensic scientist Finance (accountancy) Healthcare scientist, clinical biochemistry Toxicologist Research scientist (physical sciences)

Course Format	**Unit 1:** Chemical Changes and Structure **Unit 2:** Natures Chemistry **Unit 3:** Chemistry in Society

Course Details

Pupils gain deeper understanding of chemistry's impact on the environment, society and how chemicals react to form new substances.Unit 1 covers rates, the atom, bonding and acids. Unit 2 introduces organic chemistry and carbon compounds and unit 3 looks at metals, fertilisers, nuclear chemistry and practical techniques.

Further course information can be found on the school, SQA and Chemweb websites. Click here for more information.

Please note that this course will run over one year and so will be face paced and challenging. It is advised that you only take this course if you intend to continue to Higher in S6 and are willing to undertake additional home study.

Chemistry **home study** should involve a **MINIMUM** of 2 hours per week. This covers completing all current work, review and revision of previous topics.

Assessment

Learners will sit an external question paper that counts for 80% of the final grade. The remaining 20% is assessed by an assignment carried out in class under exam conditions where they will be able to apply the skills they have learned in a practical challenge.

Homework

On average, pupils will be set homework tasks that may take up to one hour per week to complete. The frequency of homework will vary from an extended, weekly exercise comprising of several questions to several exercises in the week made up of one/two questions. In addition, pupils will be asked to read course notes/text books in preparation for a lesson. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

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Department **COMPUTING SCIENCE**

Course Computing Science

Level National 5

Entry Requirement S4 → S5	National 4 in Computing Science
Entry Requirement S5 → S6	National 4 in Computing Science **or** National 5 (A-C) in English, Maths and one other subject.

Progression Route	Completion of this course could lead to further study at Higher level in S6 or provide the skills needed for employment. It could also provide entry requirements for many computing science related college courses such as Games Development, Computing Science, Computer Security and Forensics and Interactive Media.

Course Format	**There are 4 areas of study:** Software Design and Development (SDD) Web Design and Development (WDD) Database Design and Development (DBDD) Computer Systems (CS)

Course Details

This course will give pupils the opportunity to:

- Develop their programming and computational thinking skills by implementing practical solutions in Python and explaining how these programs work.
- Apply computational thinking skills to analyse, design, implement, test and evaluate practical solutions to web-based problems, using a range of development tools such as HTML, CSS and Javascript.
- Apply computational thinking skills to analyse, design, implement, test and evaluate practical database solutions, using a range of development tools such as SQL.
- Develop an understanding of how data and instructions are stored and basic computer architecture. They also gain an awareness of the environmental impact of the energy use of computing systems and security precautions that can be taken to protect computer systems.

Assessment
Pupils will be assessed regularly throughout the year, sitting a mid-topic and end of topic test for each unit. In addition, pupils will undertake practical assessments for each unit to help prepare for the SQA assignment. Pupils will sit an external question paper that counts for 69% of the final grade. The remaining 31% is assessed by an assignment carried out in class under exam conditions where they will be able to apply the skills they have learned in a practical challenge.

Homework
Pupils will be asked to read course notes/text books in preparation for a lesson and timed questions weekly. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

Additional Information
This course may also suit S6 pupils who wish to refresh and improve their computing skills in preparation for further study at college or university.

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Department **COMPUTING SCIENCE**

Course Digital Media Editing

Level National Progression Award Level 5 or Level 6

Entry Requirement S4 → S5	An interest in Media, Digital Art or a desire to develop practical computer based skills.
Entry Requirement S5 → S6	An interest in Media, Digital Art or a desire to develop practical computer based skills.

Progression Route	Pupils can use this qualification for entry to the National Certificate in Digital Media Computing currently offered at several colleges in Scotland. It may also provide entry to other courses such as Website Enterprise, Digital Media Animation and Computers and Digital Photography. This progression award can also provide pupils with skills valued by any employer or training provider.

Course Format	**Unit 1:** Still Images **Unit 2:** Audio **Unit 3:** Moving Images

Course Details

This National Progression Award in Digital Media Editing is aimed at pupils who want to develop their skills in working with graphics, sound, video & websites, acquiring and editing media to meet a specification.

The recent rapid uptake of courses in multimedia, web design, digital media, creative arts and related disciplines in colleges indicates a need for pupils to have a working knowledge of these skills to enter employment.

This is a very practical course with a large emphasis on pupils gaining valuable skills in creating Digital Media solutions. It will also give them the opportunity to gain knowledge and understanding of different methods of editing and integrating digital media elements.

The activities will be mainly hands-on, improving existing knowledge and acquiring a new range of skills working with sound, video and still editing applications in practical project work. This will involve pupils learning how to plan a media project from initial ideas to finished product using techniques such as storyboarding and will give them experience in working to project deadlines.

Assessment
Each unit has a practical assignment. This will involve using a range of skills to capture and edit media elements to meet a specification. This will be done in class over a number of weeks. It will involve some planning and an evaluation of progress against success criteria. Credit will be given for each unit successfully completed, and the overall award credited when a pass in all three units has been achieved. The Audio unit at Level 6 has a written component which must be passed in order to gain the unit award. All three units at Level 6 has a written component which must be passed in order to gain the unit award.

Homework
Homework will be used to prepare pupils for the written tests. They may also be required to prepare for work in class by collecting media elements.

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Department **ENGLISH**

Course English

Level National 5

Entry Requirement S4 → S5	National 5 Grade C, D or lower (resit) **or** National 4
Entry Requirement S5 → S6	National 5 resit

Progression Route	Successful completion of National 5 English in S5 at A or B grade can progress to Higher in S6. Those with a C or D should resit.

Course Format	*The unit structure of the course, below, is now for use in exceptional circumstances only. For most pupils secure at National 5, units will not be entered.* **Unit 1:** Analysis & Evaluation **Unit 2:** Creation & Production **Course component:** Spoken Language – performance (solo and group discussion, asking and answering questions) **The new 'Spoken Language – performance' course assessment must be met before a course award for National 5 English can be awarded** Additional time to consolidate learning

Course Details

National 5 English focuses on Analysis and Evaluation of detailed texts through listening and reading, and Creation and Production of detailed texts through talking and writing. It recognises the increasing complexities of language and its literary uses and develops pupils' skills of showing understanding, analysis and evaluation through essay writing, close reading comprehension and textual analysis, as well as creating a two-piece portfolio of writing which makes up 30% of the final mark. Solo talk presentations and group discussion also form a core aspect of the course to meet the new 'Spoken Language' award requirements.

Assessment: All internal assessment standards for 'Spoken Language – performance' must be met before the final exam can be taken. The final exam consists of two papers worth a total of 70%, and a Portfolio of writing worth 30%. The two exam papers are: Reading for Understanding, Analysis and Evaluation, worth 30 marks, and paper two which is one unseen textual analysis on a set Scottish text, and one critical essay, both in an hour and a half, worth 20 marks each.

Homework: Homework is a vital element of the course and pupils should expect weekly tasks, as well as personal reading and research, to take up two hours per week, including the regular Broadsheet Reviews and online Scholar homework. All pupils are issued with a course calendar giving key dates.

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Department HEALTH, FOOD & TEXTILE TECHNOLOGY

Course Health & Food Technology

Level National 5

Entry Requirement S4 → S5	National 5 Practical Cookery **or** National 5 English or Social Subject Grade **or** Interview with Curriculum Leader
Entry Requirement S5 → S6	National 5 Practical Cookery **or** National 5 English or Social Subject Grade **or** Interview with Curriculum Leader

Progression Route	Higher Health and Food Technology **Careers:** The diversity and challenge offered by this qualification offers a wide and interesting career choice within the Food Product Development industry, dietetics, food technology, nursing, primary and secondary teaching, environmental health, trading standards, public health, advertising and the retail food industry.

Course Format	**Unit 1:** Food for Health **Unit 2:** Food Product Development **Unit 3:** Contemporary Food Issues

Course Details

Food for Health
The development of essential and detailed knowledge and understanding of the relationships between health, food, nutrition, current dietary advice; and their impact on health for the dietary needs of individuals and people at various stages of life. Learners will extend their practical skills and apply food preparation techniques using safe and hygienic practices.

Food Product Development
The development of knowledge and understanding of technological food processing activities which demonstrate the science and functional properties of food and its application in creating new products within a variety of contexts. Learners will apply a range of food preparation techniques to design, create, analyse and evaluate food products to meet specified needs.

Contemporary Food Issues
Pupils will cultivate a knowledge and understanding of contemporary issues affecting food choice such as technological developments in the food industry. Through practical food activities, pupils will be encouraged to promote positive healthy lifestyles.

Assessment
Exam: A question paper worth 60 marks, externally assessed by the SQA.
Assignment: This will require application of knowledge, understanding and skills from across the units in which learners will develop a food product or products to a given brief. The assignment will be sufficiently open and flexible to allow for personalisation and choice. The briefs are set by the SQA, externally assessed and worth 60 marks.

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Department **HEALTH, FOOD & TEXTILE TECHNOLOGY**

Course Hospitality – Practical Cookery

Level National 5

Entry Requirement S4 → S5	Interview with Curriculum Leader
Entry Requirement S5 → S6	Interview with Curriculum Leader

Progression Route	Higher Health & Food Technology **Careers:** Hospitality industry, event management, food technologist, advertising, retail, environmental health, trading standards, food product testing, food science, teaching and lecturing.

Course Format	**Unit 1:** Cookery Skills, Techniques & Processes **Unit 2:** Understanding & Using Ingredients **Unit 3:** Organisational Skills for Cookery

Course Details

This is an exciting but demanding practical course that enables learners to develop precise practical skills and knowledge whilst supporting personal and social development that prepares learners for further training and employment in a wide range of careers.
The course contains a significant amount of practical cookery supported by related theory that builds essential knowledge and understanding.

Cookery Skills, Techniques and Processes
This unit aims to enhance learner's practical cookery skills, food preparation techniques and their ability to follow cookery processes in a practical setting. Learners must also develop an understanding and importance of safe, hygienic and professional practices to secure a course award.

Understanding and Using Ingredients
This unit aims to enhance learner's knowledge and understanding and the characteristics of ingredients from a variety of sources. It also addresses the importance of sustainability, responsible sourcing of ingredients and of current dietary advice. Pupils will develop the ability to select and use a range of appropriate ingredients in the preparation of dishes in a safe and hygienic manner.

Organisational Skills for Cooking
This unit aims to extend learners planning, organisational and time management skills, they will develop the ability to follow recipes; to create detailed and logical time plans, produce and cost dishes and meals and to work safely and hygienically. Learners will also extend their ability to carry out evaluations of a product.

Assessment
The learner will be assessed by a practical activity drawing on the knowledge, understanding and skills developed across the course. The coursework assessment consists of a practical activity (100 marks – worth 75%) where learners will plan, prepare and cook a three-course meal for a given number of people within 2 hours 30 minutes and present it appropriately. There is also a 1-hour question paper (30 marks – worth 25%); the course is graded A – D.

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Department **MATHEMATICS**

Course Mathematics

Level National 5

Entry Requirement S4 → S5	National 4 Mathematics **and** a recommendation from your S4 teacher
Entry Requirement S5 → S6	National 4 Mathematics **and** a recommendation from your S4 or S5 teacher

Progression Route	Pupils may progress to • Higher Mathematics • Higher Applications of Mathematics • National 5 Applications of Mathematics National 5 Mathematics may be sufficient for your next step as it is a general or specific entry requirement for a variety of HNC, HND and other higher/further education courses.

Course Format	• Expressions & Formulae • Relationships • Applications

Course Details

The course aims to motivate and challenge learners by enabling them to select and apply mathematical techniques in a variety of mathematical and real-life situations.

Expressions and Formulae (Nat 5) Applying numerical skills to simplify surds/expressions using the laws of indices; applying algebraic skills to manipulate expressions; applying algebraic skills to algebraic fractions; applying geometric skills linked to the use of formulae.

Relationships (Nat 5) Applying algebraic skills to linear equations; applying algebraic skills to graphs of quadratic relationships; applying algebraic skills to quadratic equations; applying geometric skills to lengths, angles and similarity; applying trigonometric skills to graphs and identities.

Applications (Nat 5) Applying trigonometric skills to triangles which do not have a right angle; applying geometric skills to vectors; applying numerical skills to fractions and percentages; applying statistical skills to analysing data.

Course Assessment: There is an external SQA exam which is graded. There are two question papers requiring candidates to apply knowledge and skills acquired across the course to unfamiliar contexts. One of the papers is non-calculator.

Homework: At least 3 hours per week. This will be a mixture of
- textbook exercises and review of notes taken in class to consolidate new learning
- formal hand-in homework exercises with feedback from the teacher

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Department **MEDIA STUDIES**

Course Media

Level National 5

Entry Requirement S4 → S5	National 4 Media pass with National 5 English **OR** Pupils may crash by negotiation with subject teacher and Curriculum Leader if success in N5 English at A or B has been achieved in S4
Entry Requirement S5 → S6	National 4 Media pass with National 5 English **OR** Pupils may crash by negotiation with subject teacher and Curriculum Leader if success in N5 English at A or B has been achieved

Progression Route	Higher Media and Film and Television degree courses in Higher Education. Media production courses in Further/Higher Education **Careers:** Creative industries; PR; journalism; advertising etc**.**

Course Format	**Unit 1:** Analysing Media Content **Unit 2:** Media Assignment

Course Details

Nat 5 can be a good 'next step' for those who achieved success in Nat 4 Media in S4, providing staff recommend them to continue with the subject. It is an effective introduction to Media for those new to the subject, such as those hoping to gain Higher Media in S5 or S6.

Nat 5 is taught in bi-level classes with Higher candidates; classes are pitched at a level that will allow Higher pupils to work towards an A grade. It should be noted that this level may not suit all of those candidates wishing to take Nat 5. Group discussion tasks run throughout the course and the Assignment involves group production of a film trailer or an individual storyboard. Assessment is by way of extended written tasks and essays.

Analysing Media Content looks at film by focusing on one genre. We currently study Martin Scorsese' 1990 gangster/crime film 'Goodfellas' but this could change. Throughout the analysis we focus on the key aspects of media, Narrative, Language, Categories, Representation, Society Contexts, Institutions, Role of the Media, and Audience responses. It also demands understanding of social and economic factors in media production.

The **Assignment** allows well-motivated pupils to gain up to 50% of their final mark in a task that encompasses research, planning and making a media product.

Nat 5 candidates must have a genuine interest in film plus an awareness of current affairs and media issues; **they should also have a strong record of attainment in English**.

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Department **ART & DESIGN**

Course Photography

Level NPA level 4/5

Entry Requirement S4 → S5	This is an introductory course to photography skills. No previous experience required, but an interest in photograph, and good IT skills would be useful.
Entry Requirement S5 → S6	This is an introductory course to photography skills. No previous experience required, but an interest in photograph, and good IT skills would be useful.

Progression Route	**NPA Level 4** Photography can lead to NPA level 5. **Level 5** can lead to Higher Photography. Photography skills and knowledge can lead to study of photography at college or University and employment or study in the Creative Industries. Photography skills will benefit future visual presentation tasks and report illustration in all aspects of study and employment.

Course Format	The course is a practical course in digital photographjy that works through 4 units. Candidates will learn practical photographic skills and how to understand and appreciate photography as a medium. It is project based and has no examination element. The final outcome will be pass / fail at Level 4 or level 5 – equivalent to National 4 or National 5 depending on the candidate's abilities and skills. The course is developed to be undertaken on an ipad utilising with the new ipad provision rollout at school. 24 SCQF credit points.

Course Details

The Course has an integrated approach to learning. It includes experiential learning activities which are underpinned by knowledge and understanding of photography.
All pupils will follow the same initial course developing technical and creative photographic skills and the final level of presentation – Level 4 or 5 - will be decided towards the end of the course in discussion with teachers and their performance in assessment tasks and tracking reports.

On the Course, learners will use photographic media to produce creative and technically proficient images. Learners will develop and apply practical photography skills, techniques and processes, and use these in creative ways when developing their ideas for photography. Learners will develop their creative problem solving skills as they resolve visual, technical and/or functional problems.

The **NPA** course is a practical course comprising of 4 separate units. All 4 units together lead to the National Progression Award (NPA).

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Department **PHYSICS**

Course Physics

Level N5

Entry Requirement S4 → S5	National 4 pass in Physics. Pupils **must** also be taking Maths in S5
Entry Requirement S5 → S6	National 5 Pass Chemistry or Biology **and** also a pass at N5 Maths or studying Maths at Higher or Advanced Higher

Progression Route	Higher Physics, along with Higher Maths, is essential for pupils considering studying Engineering at College or University. Pupils gaining an A or B at N5 could proceed to Higher Physics in S6. **Careers:** Higher Physics may be useful for pupils considering a range of careers in the Sciences, Engineering, Medicine, Sports Science, Architecture and Finance.

Course Format	The units covered in the N5 Physics course are: • Dynamics and Space • Waves and Radiation • Electricity and Energy A full course description is available at https://www.sqa.org.uk/files_ccc/N5CourseSpecPhysics.pdf

Course Details

This course is designed to increase pupil's knowledge and understanding of the concepts of Physics and its many applications in modem society. It provides the opportunity to develop the skills necessary to find solutions to scientific problems, such as experimenting, investigating and analysing, and give a deeper insight into the structure of the subject. The course makes a valuable contribution to your general education and provides a sound basis for further study at a more advanced level.

Assessment: Pupils will sit class test along with the SQA unit assessments.
National 5 Physics is a challenging course which demands commitment, application and effort.

Homework is issued on a weekly basis. Completion of homework is regarded as essential consolidation of coursework and failure to complete it will result in parents being informed. Students are also expected to regularly review their class work with summary notes and tutorial questions made available to help consolidate work beyond the classroom.

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Department **SCIENCE**

Course Applied Sciences

Level Level 5 NPA (National Progression Award)

Entry Requirement S4 → S5	S4 pupils who are predicted to achieve a **National 4** in Biology, Chemistry, Physics **or** S4 pupils who are predicted to achieve a **National 5** Grade C or D in Biology, Chemistry, Physics or who are not recommended, at this stage, to take Higher sciences
Entry Requirement S5 → S6	S5 pupils who have a **National 4** pass in Biology, Chemistry, Physics **or** S5 pupils who have a **National 5** Grade C or D in Biology, Chemistry, Physics who do not wish to take a Higher science subject.

Progression Route	This Course or its Units may provide progression to: National 5 in Biology, Chemistry or Physics College Course Highers in Biology, Chemistry or Physics (this is at the discretion of the Curricular Leader) **Key Skills developed:** Communications, ICT, Numeracy, Working with Others, Problem solving, Employability skills

Course Format	**Unit 1:** Cell Biology **Unit 2:** Chemical Changes and Structure **Unit 3:** Physics: Waves and Radiation **Unit 4:** Forensic Science: Applications OR Laboratory Science: Practical Skills

Course Details

The NPA in Practical Science at Level 5 **does <u>not</u> have a final written exam** but has continual class assessments. It develops techniques that are important in the STEM (science, technology, engineering and maths) sector and is particularly important given the existing and projected shortfall in suitably qualified individuals in these areas.

Practical Science develops knowledge and understanding of **biology, chemistry and physics** and develops **skills** in good **laboratory practice and scientific literacy** when writing lab reports. It helps learners develop an **understanding** of science **health and safety** and an awareness of the essential skill of **citizenship.** It prepares learners for progression to extended qualifications at National 5 and above.

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Department **DESIGN & ENGINEERING**

Course Practical Woodworking

Level National 5

Entry Requirement S4 → S5	National 4/5 in Design & Manufacture or genuine interest in Woodwork
Entry Requirement S5 → S6	National 4/5 in Design & Manufacture or genuine interest in Woodwork

Progression Route	Trade apprenticeships, Construction, Furniture designer, joinery, Cabinet Making National Certificate Group Awards (NCGAs) Skills for Work and sector specific SQA qualifications

Course Format	**Unit 1:** Flat Frame Construction **Unit 2:** Bench Skills 2 – Carcase Construction **Unit 3:** Machining and Finishing

Course Details

Candidates will learn during the course to:

- use a range of woodworking tools, equipment and materials safely and correctly for woodworking tasks
- adjust tools where necessary, following safe practices
- read and interpret drawings and diagrams in familiar and some unfamiliar contexts
- measure and mark out timber sections and sheet materials in preparation for cutting and shaping tasks
- show practical creativity in the context of simple and familiar woodworking tasks
- follow, with autonomy, given stages of a practical problem-solving approach to woodworking tasks
- apply knowledge and understanding of safe working practices in a workshop environment
- apply knowledge and understanding of the properties and use of a range of woodworking materials
- apply knowledge and understanding of sustainability issues in a practical woodworking context

Flat-frame construction: Candidates develop skills, knowledge and understanding in the use of woodworking tools and in making woodworking joints and assemblies commonly used in flat-frame joinery, involving complex features. Candidates develop their ability to read and use drawings and diagrams depicting both familiar and unfamiliar woodwork tasks.

Carcase construction: Candidates develop skills, knowledge and understanding in the use of woodworking tools and in making woodworking joints and assemblies commonly used in carcase construction, involving complex features. This may include working with manufactured board or with frames and panels. Candidates use working drawings or diagrams in both familiar and unfamiliar contexts that require some interpretation on their part.

Machining and finishing: Candidates develop skills, knowledge and understanding in using machine and power tools. Candidates also develop skills in a variety of woodworking surface preparations and finishing techniques.

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Department **PHYSICAL EDUCATION**

Course Sport & Exercise Leadership

Level SCQF Level 6

Entry Requirement S4 → S5	An active interest in Sport, Exercise & Leadership. Have an interest in working with and leading groups. Must be willing to **volunteer** in the local community (i.e. school or community)
Entry Requirement S5 → S6	An active interest in Sport, Exercise & Leadership. Have an interest in working with and leading groups. Must be willing to **volunteer** in the local community (i.e. school or community)

Progression Route	Enhanced leadership and employability skills for a range of careers. Paid employment in the Sports and Leisure Industry. Volunteering opportunities. Invaluable experience gained would enhance applications for entry into further/Higher Level Sports qualifications or further training.

Course Format	**Leadership NPA Group Award** Introduction to Leadership/Leadership in Practice. **Exercise and Fitness NPA Group award** - Free Weight Training - Circuit Training - Cardiovascular Training **Practical Leadership** Learners will be given the opportunity to build their leadership skills through their planning, organisation and involvement of various events within the school. Events include; Transition sports days, S3 Charity days, Cluster primary sports coaching and work with various extracurricular club.

Course Details

Leadership NPA Group Award: The Leadership award will investigate various leadership styles and give learners the opportunity the evaluate their own personal and leadership qualities. Learners will be required to plan and organise an event for a group of their choice which will give them valuable experience in leadership on a bigger scale. Learners will document their leadership journey and their steps towards a successful event throughout the process. The award will give pupils the opportunity to develop key transferrable skills to prepare them for further/higher education, employment or further training.

Exercise and Fitness Award: Learners will work towards three exercise and fitness units; Free Weight Training, Circuit Training and Cardiovascular Training. The units contain a significant theoretical element which will cover exercise physiology (impact of exercise on the body and muscle/joint movements), the safe set up of free weight exercises and performance/leadership of various circuit and cardiovascular exercises. Learners will also be required to carry out independent research at home to gain the required knowledge for successful completion of the course.

Assessment: All assessments will be completed internally and is ongoing through the duration of the course. Learners will be presented for the units that are appropriate for their level. Assessments will be a combination of written tests, teacher observations and the completion of learner workbooks. Learners will also be assessed in 'live' leadership situations including leading younger pupils within the school.

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Department **MATHEMATICS**

Course Applications of Mathematics

Level Higher

Entry Requirement S4 → S5	National 5 Mathematics A, B or C grade
Entry Requirement S5 → S6	National 5 Mathematics A, B or C grade **or** National 5 Applications of Mathematics A, B or C grade

Progression Route	This is a new SQA course offered for the first time in 2021-2022. Higher Applications of Mathematics will serve as an entry requirement to a variety of higher and further education courses. It is **not possible** to progress to **Advanced Higher Mathematics** from Higher Applications of Mathematics, however **it may be possible to progress to Advanced Higher Statistics.**

Course Format	• Mathematical modelling • Statistics and probability • Finance • Planning and decision making

Course Details

This course enhances candidates' critical and logical thinking so that they can interpret, analyse and critically appraise statistical and mathematical information; simplify and solve problems; assess risk; and make informed decisions. It aims to develop skills directly applicable to workplace environments, spanning the following topics:

Mathematical Modelling Modelling a situation mathematically in a given context; evaluating and interpreting the output of mathematical models; using software effectively in calculations that are easily adapted and which produce informative numerical and visual outputs.

Statistics and Probability Applying statistical skills to basic probability and data analysis/presentation; applying statistical skills to linear modelling and determination of correlation; applying statistical skills to test hypotheses and generate/interpret confidence intervals.

Finance Applying mathematical skills to calculating present and future values of monetary payments; solve problems relating to personal financial products such as credit cards/loans, savings products and insurance; applying personal financial planning skills.

Planning and Decision Making Understanding and applying project planning and decision making using tools such as PERT charts, Gantt charts; using systematic methods to identify critical activities and critical paths in a project.

Course Assessment: The course assessment has two parts: an external SQA exam and a project. Both parts contribute to the overall grade.

Homework: At least 5 hours per week. This will be a mixture of
- textbook exercises and review of notes taken in class to consolidate new learning
- formal hand-in homework exercises with feedback from the teacher
- Software-based practise and assignments

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Department **ART & DESIGN**

Course Art & Design

Level Higher

Entry Requirement S4 → S5	National 5 A pass in Art & Design **or** at the discretion of Curriculum Leader
Entry Requirement S5 → S6	National 5 A pass in Art & Design **or** at the discretion of Curriculum Leader

Progression Route	A Higher pass could lead to Advanced Higher in S6 **Careers:** Higher Art & Design is a valuable qualification for a variety of employment options in the creative industries and is valuable for Architecture and Landscape Architecture courses.

Course Format	**Unit 1:** Expressive Activity **Unit 2:** Design Activity

Course Details

The Course has an integrated approach to learning and includes a mix of practical learning and knowledge and understanding of art and design practice.
In the Course learners will draw upon their understanding of the main factors influencing artists' and designers' work and practice. They will experiment with and use a range of art and design materials, techniques and/or technology to develop their own creative art and design work. Learners will use problem solving skills and self-reflect on their creative choices and decisions when developing their creative ideas.

Art and Design: Expressive Activity (Higher)
This Unit helps learners to develop their personal thoughts and ideas in visual form. In the Unit, learners will develop critical understanding of artists' working practices and the social and cultural influences affecting their work. They will select stimuli and produce analytical drawings and studies. They will develop and refine their expressive ideas and artwork, experimenting with and using a range of materials, techniques and/or technology in 2D and/or 3D formats when responding to stimuli.

Art and Design: Design Activity (Higher)
In this Unit learners will plan, research and develop creative design work in response to a design brief. They will develop their creativity, problem solving and critical thinking skills as they consider design opportunities, and work to resolve design issues and constraints. In the Unit, learners will develop critical understanding of designers' working practices and the main social and cultural influences affecting their work. They will experiment with, develop and refine their design ideas, using a range of materials, techniques and/or technology in 2D and/or 3D formats.

Question Paper: Pupils will sit a written exam (2 hours) responding to questions about Expressive and Design artwork.

Course assessment structure
Component 1 — portfolio 200 marks
Component 2 — question paper 60 marks
Total marks 260 marks

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Department **BIOLOGY**

Course Biology

Level Higher

Entry Requirement S4 → S5	National 5 pass in Biology at Grade A to C
Entry Requirement S5 → S6	National 5 pass in Biology at Grade A to C

Progression Route	Pupils achieving a grade A or B may progress to Advanced Higher Biology in S6. Pupils may find this subject useful if going on to study medicine, veterinary medicine, dentistry, any bioscience, Sport & Exercise or PE at college or university.

Course Format	**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 and 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 and 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 and threats to biodiversity.

Course Details

Higher Biology continues to develop skills of: Knowledge and Understanding, Problem Solving, Experimental Skills and Processing Data.

In Higher Biology the following areas are studied with reference to all living organisms:
Through the study of DNA and the genome, the molecular basis of evolution and biodiversity shall be explored. The metabolic pathway of respiration shall be covered in detail. This shall link in to how the control of the metabolic pathways are essential for cell survival. Adaptations for the maintenance of metabolism for survival shall be considered Photosynthesis shall be covered with emphasis on its importance in food production. The idea of food production shall link in to the fact that all species are dependent upon the existence of others. This leads us to looking at the vast biodiversity that exists on Earth and how different species interact with one another.

Home-study: Home-study is required most nights to consolidate class work, to complete class work and prepare for assignments. This should be 3 to 4 hours per week, depending on the time of year and the effectiveness of the pupil's study skills.

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Department **BUSINESS EDUCATION**

Course Business Management

Level Higher

Entry Requirement S4 → S5	National 5 in Business Management with an A – C pass S5 pupils with no previous qualification in Business will be required to have at least National 5 in English and at least one other Social Subject with an A – B pass in each subject
Entry Requirement S5 → S6	National 5 in Business Management with an A - C pass S6 pupils with no previous qualification in Business will be required to have at least 3 Higher passes at level A-C including English and one other Social Subject

Progression Route	Further study in Advanced Higher Business Management or in Higher National programmes. This qualification will greatly improve the chance of entry to business management/finance courses in higher education or job training.

Course Format	**Unit 1:** Understanding Business **Unit 2:** Management of Marketing and Operations **Unit 3:** Management of People and Finance

Course Details

The course highlights the different ways in which large organisations operate. Candidates learn to understand and make use of business information to interpret and report on overall business performance, in a range of contexts. Using current business theory and practice, the course reflects the integrated nature of large organisations, their functions and decision-making processes.

Candidates develop understanding of:

- the ways in which society relies on organisations and how external influences can affect them
- a range of methods that businesses and other organisations use to meet customer needs
- enterprising skills and attributes
- how to analyse and interpret business information and communicate it in a clear and concise way

Assessment
Regular mid-unit and end-of-unit tests are used to inform pupils of their progress. Grades are determined by the final examination (90 marks, 75%) and an assignment carried out in class (30 marks, 25%).

Homework
Homework will be done on a regular basis with the completion of work from lessons. Students will also be expected to prepare for short timed questions each week – completed in class. Pupils will have access to all resources and notes online to assist them with their homework assignments and can also be used for revision purposes.

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Department **CHEMISTRY**

Course Chemistry

Level Higher

Entry Requirement S4 → S5	National 5 Chemistry with Grades A, B or C **or** *If wanting to take Chemistry for the first time*: Grade A or B in National 5 Physics, Biology or Maths *Must see Curricular Leader for any other entry requirements*
Entry Requirement S5 → S6	National 5 Chemistry with Grades A, B or C **or** Higher Chemistry Grade C or D *If wanting to take Chemistry for the first time*: Grade A or B in Higher Physics, Higher Biology/Human Biology or Higher Maths **or** Grades A or B in National 5 Physics, Biology or Maths *Must see Curricular Leader for any other entry requirements*

Progression Route	This Course or its Units may provide progression to: Advanced Higher Chemistry, Higher Physics, Higher Biology/Human Biology **Careers:** Pharmacologist, Analytical Chemist, Chemical engineer, Forensic scientist, Finance (accountancy), Healthcare scientist, clinical biochemistry, Toxicologist, Research scientist (physical sciences)

Course Format	**Unit 1:** Chemical Changes and Structure **Unit 2:** Natures Chemistry **Unit 3:** Chemistry in Society **Unit 4:** Researching Chemistry (literature research & practical investigation)

Course Details

Coursework builds directly on the knowledge & concepts covered at National 5 Chemistry. Additional topics include studies into the chemistry of foods and cooking, fragrances, skin care, chemical energy and reversible reactions. It also continues to develop Problem Solving and Practical Skills.
Further course information can be found on the school, SQA and Chemweb websites. Click here for more information.

Chemistry **home study** should involve a **MINIMUM** of 2 hours per week. This covers completing all current work, review and revision of previous topics.

Assessment
Learners will sit an external question paper that counts for 80% of the final grade. The remaining 20% is assessed by an assignment carried out in class under exam conditions where they will be able to apply the skills they have learned in a practical challenge.

Homework
On average, pupils will be set homework tasks that may take up to one hour per week to complete. The frequency of homework will vary from an extended, weekly exercise comprising of several questions to several exercises in the week made up of one/two questions. In addition, pupils will be asked to read course notes/text books in preparation for a lesson. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

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Department

COMPUTING SCIENCE

Course Computing Science

Level Higher

Entry Requirement S4 → S5	National 5 in Computing Science at grade A-C
Entry Requirement S5 → S6	National 5 in Computing Science at grade A-C S6 pupils with no previous qualification in Computing need to have at least 3 Highers at level A-C and a qualification in Mathematics at National 5 (A-C) or equivalent.

Progression Route	Gaining an award at Higher in Computing could lead to further study at Advanced Higher level. This qualification could enhance the chance of entry to education courses in Computer Science, Business Computing, Information Technology or Multimedia, or job training. If going on to study a Computing Science related degree, some universities now require a pass in Computing Science at Higher level.

Course Format	**There are 4 areas of study:** Software Design and Development (SDD) Web Design and Development (WDD) Database Design and Development (DBDD) Computer Systems (CS)

Course Details
An understanding of computing and information systems has become necessary in everyday life and in the modern workplace. In this course pupils will develop the problem solving skills used by Computer Scientists to design, operate and use modern computer systems.

Software Design and Development
In this unit pupils will develop their skills in problem solving through a range of practical tasks using appropriate development environments and in different contexts. They will work through practical examples of design and development of digital solutions to complex problems using contemporary programming environments. They will also develop an understanding of computer architecture and the concepts that underpin how programs work.

Web Design and Development
Pupils will extend their practical coding skills using a range of development languages such as HTML, CSS and Javascript. They will apply computational thinking skills to analyse, design, implement, test and evaluate practical solutions to complex web-based problems.

Database Design and Development
In this topic, pupils will apply computational thinking skills to analyse, design, implement, test and evaluate practical database solutions, using a range of development tools such as SQL. They must design and implement queries to manipulate data using multiple linked tables.

Computer Systems
Pupils will extend their understanding of how data and instructions are stored including more complex concepts, such as negative and real numbers. They also gain an awareness of security precautions and the environmental impact of computer systems.

Assessment
Pupils will be assessed regularly throughout the year, sitting a mid-topic and end of topic test for each unit. In addition, pupils will undertake practical assessments for each unit to help prepare for the SQA assignment. Pupils will sit an external question paper that counts for 69% of the final grade. The remaining 31% is assessed by an assignment carried out in class under exam conditions where they will be able to apply the skills they have learned in a practical challenge.

Homework
Pupils will be asked to read course notes/text books in preparation for a lesson and timed questions weekly. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

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Department	**COMPUTING SCIENCE, MATHEMATICS, SOCIAL SCIENCES**
Course	DATA SCIENCE
Level	National Progression Award at Level 6

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	N5 Maths (A – B) and Higher in one or more of the following Social Subjects (Modern Studies, Geography, History, RMPS), any Science subject, Computing Science, Business Management or Economics. Learners do not require previous knowledge and experience of data science, but numerical competency is essential.

Progression Route	This course is for anyone who has an interest in making a difference in society using data, statistics and technology. It is a subject that can be applied to any aspect of life and work. Whether going into employment, a modern apprenticeship, college or university this qualification is relevant now and in the future. From business intelligence, artificial intelligence and robotics, finance, tourism, science and medical research, agricultural technology, or in the space and satellite industry the areas in which data scientists are employed are endless.

Course Format	This course consists of two mandatory units: • Data Citizenship • Data Science There will be one optional unit which currently is: • Data Science Project

Course Details

The use of data is changing the world. You will learn how to be a data scientist where you will explore, predict and model situations using data. You will understand how data can have a positive effect on society, understand bias and how data can be used to misrepresent situations. There will be an emphasis on thinking about the impact of data, having compassion and acting ethically and morally. You will learn how data can help you get better answers to questions such as how to make healthier lifestyle choices or how to improve business decision making.

Data Citizenship Unit

The purpose of this unit is to provide an overview on the place of data in society, how data can be used and misused, and the steps we can take to understand and use data responsibly and will help learners become responsible, data literate citizens who participate in the decisions that affect people and society.

Learners will gain a range of practical skills including how to interpret visualisations, such as graphs and charts, and how to create visualisations from data. They will learn how data can be used in society and business for positive and negative effects. They will also learn about data security and the legal rights and responsibilities of data subjects and data owners. On completion of this unit, learners will have gained confidence in their use of data and be aware of their rights and responsibilities as data citizens.

Data Science Unit

The unit focuses on the key concepts involved in data science and the main methods of data capture and analysis. It provides an opportunity for learners to apply this knowledge in a practical context using large datasets of up to 10,0000 records. The unit covers a variety of topics relating to data science including: the applications of data science, data ethics, methods of data analysis, and how to present data using dashboards and visualisations. Learners will gain practical programming skills (Python) in the analysis of large datasets using contemporary software and also how to use visualisations to tell a story with data and find insights from the data.

Data Science Project

In this unit you will undertake a Data Science project of your choosing using the skills and knowledge gained in the core units.

Here are some of the views of our former pupils who have completed the NPA in Data Science:

" The Data Science course is a god course to choose because the subject is very useful and applicable to lots of jobs as well as the content being interesting, and you are able to research about things which you are interested in. the fact that it is purely course work also means it will take some pressure off around exam time meaning you can focus more time on exam subjects around exam time. The workload is not excessive even though the subject is based on course work. The skills you get from the subject will help in other subjects as well and you also get skills from courses which you might not have got to try like Computing or Statistics."

"I have found the course really interesting, especially finding out parts of data of which you wouldn't usually think about. Also, the background of information and how you should convey data in a chart for example. I also like the fact it is an NPA and you are continuously working towards assignments and having a strong understanding of that little section covered – makes it easier being fresh/newer in your head."

"I have found the NPA in data science really interesting. The theory part of it isn't too difficult for someone without computing knowledge and is a good introduction to data science. The practical part has also been enjoyable."

"The course is mainly based around graphical work and computing programming. It is a very enjoyable course with multiple aspects of different courses compiled into one including maths, computing, stats, business and economics. It is a course that will greatly benefit me in the future when I apply for jobs and university."

"I'm studying Psychology at Uni and I'm so glad I did this course as I'd be lost without the data handling skills I learnt in Data Science"

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Department DESIGN & ENGINEERING

Course Design & Manufacture

Level Higher

Entry Requirement S4 → S5	National 5 A/B pass in Design and Manufacture or A in Art and Design or Graphic Communication
Entry Requirement S5 → S6	National 5 A/B pass in Design and Manufacture or A in Art and Design or Graphic Communication

Progression Route	Other SQA qualifications in Design and Manufacture or related areas further study, employment and/or training **Careers:** Product Design theatre/ T.V. / Films, Graphic Design, Materials Engineer, Product Manager, Purchasing Manager, Interior Design, Furniture Design

Course Format	**Unit 1:** Design **Unit 2:** Materials and Manufacture

Course Details

This course provides learners with opportunities to develop:

- research skills
- idea generation techniques
- the ability to read drawings and diagrams
- the ability to communicate design ideas and practical details
- the ability to evaluate and apply both tangible and subjective feedback
- the ability to devise, plan and develop practical solutions to design opportunities

The course will also give learners the opportunity to develop thinking skills and skills in numeracy, employability, enterprise and citizenship.

Design
This unit covers the processes of product design from brief to resolved design proposals and specification. It helps learners develop skills in initiating, developing, articulating and communicating design proposals for products. It allows them to gain skills and experience in evaluating design proposals in order to refine, improve and resolve them. It allows them to develop an appreciation of design concepts and the various factors that influence the design and manufacture of products.

Materials and Manufacture
This unit covers the processes of product design from design proposals to prototype. It allows learners to gain skills in planning and making models and prototypes. It helps learners to 'close the design loop' by manufacturing a set of design ideas. It allows them to develop an appreciation of commercial manufacturing processes. It allows them to strengthen an appreciation of the various factors that influence the design and manufacture of products. It allows learners to consider the manufacturing techniques and processes.

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Department **DRAMA**

Course Drama

Level Higher

Entry Requirement S4 → S5	National 5 Drama pass **A/B** Pupils crashing by individual consultation and agreement with subject teacher and Curriculum Leader in relation to the performance element of the course. Pupils need to pass Section 2 of the written National 5 Drama paper at the end of June. Evidence of experience in chosen Performance area is preferable.
Entry Requirement S5 → S6	National 5 Drama pass **A/B** Pupils crashing by individual consultation and agreement with subject teacher and Curriculum Leader in relation to the performance element of the course. Pupils need to pass Section 2 of the written National 5 Drama paper at the end of June. Evidence of experience in chosen Performance area is preferable.

Progression Route	Further/Higher education. **Careers:** Theatre, Law, Media, Design, Technical theatre, Medicine, Education

Course Format	**Unit 1:** Drama Skills **Unit 2:** Production Skills

Course Details

In Higher Drama you will build on all the skills, which you developed during National 5. In Unit 1 you will respond to a range of stimuli, including theatre texts. From these you will generate ideas and use complex Drama skills to develop and portray characters. You will study a play from a prescribed list set by the SQA in addition to using other texts throughout the unit. You will explore the social, cultural and historical influences on Drama and analyse and evaluate your own use of Drama skills in addition to the Drama skills of your peers.

In Unit 2 you will experiment with different production areas; Acting, Directing and Design and learn how these are used when building a drama production. You will use a variety of texts within this unit in addition to the prescribed text studied during Unit 1. You will analyse and evaluate Contemporary theatre productions in addition to evaluating your own production skills.

In the course assessment you can choose to specialise in one area; Acting, Directing or Design. This is assessed by a visiting assessor and is worth 60% of the final grade.

The written exam consists of two essays and questions on the use of design applied to the text we are studying which communicate your understanding of the prescribed text and its theatrical context. The second essay is an analysis of a contemporary theatre production. This is worth 40% of the final mark.

Homework
Pupils will be expected to complete one preparatory task and one essay per week.

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Department	BUSINESS EDUCATION
Course	Economics
Level	Higher

Entry Requirements S4 → S5	National 5 Economics A – C pass S5 pupils with no previous qualification in Economics will be required to have at least National 5 in English, Maths and at least one other Social Subject with an A – B pass in each subject
Entry Requirements S5 → S6	National 5 at grade A – C pass in Economics; S6 pupils with no previous experience in Economics will require to have three Highers at grades A – C including English and preferably a Social Subject and a qualification in Mathematics at National 5 grade A-B or equivalent.

Progression Routes	Further study in Advanced Higher Economics or in Higher National programmes. This course provides an excellent basis for further study in general areas such as Economics, Business, Social Studies, Management or for Professional Qualifications in Law, Accountancy, Engineering etc.

Course Format	**Unit 1:** Economics of the Market **Unit 2:** UK Economic Activity **Unit 3:** Global Economic Activity

Course Details

Economics of the Market
In this Unit, you will carry out learning activities that will allow you to analyse the economic problem of unlimited wants in relation to limited resources and how this impacts on the daily choices made by us all.

UK Economic Activity
In this Unit, you will carry out learning activities that will allow you to analyse government income and expenditure. You will evaluate the role of the public and the private sectors in the economy and will also develop the ability to assess the policies and other methods used by the government to achieve its economic aims and to assess the effects of the Scottish economy on the UK economy. The Unit also allows you to consider the implications of government actions and suggest solutions to relatively complex economic problems.

Global Economic Activity
In this Unit, you will carry out learning activities that will allow you to analyse the global nature of economics. You will explore global trade and the balance of payments and their importance in the UK economy. You will also examine exchange rates. Lastly, you will consider economic features of the European Union, developing countries and emerging economies and their social impact.

Assessment
Regular – Mid and End of Unit tests carried out to inform pupils of progress
The course award will be assessed by an assignment where you will choose a topic/issue to research and produce an economics report (25%) and an external question paper (75%).

Homework
Homework will be done on a regular basis with the completion of work from lessons and preparation for weekly timed questions – completed in class. In addition, pupils will be asked to read course notes in preparation for lessons. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

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Department **DESIGN & ENGINEERING**

Course Engineering Science

Level Higher

Entry Requirement S4 → S5	National 5 A/B pass in Engineering Science **or** Physics
Entry Requirement S5 → S6	National 5 A/B pass in Engineering Science **or** Physics

Progression Route	Advanced Higher Engineering Science, a range of engineering-related HNCs and HNDs, degrees in Engineering and related disciplines **Careers:** Careers in Environmental, Electrical, Electronic, Civil and Mechanical Engineering amongst others.

Course Format	**Unit 1:** Engineering Contexts and Challenges **Unit 2:** Electronics and Control **Unit 3:** Mechanisms and Structures

Course Details

This course aims to:

- Extend and apply knowledge and understanding of key engineering facts and ideas
- Understand the relationships between engineering, mathematics and science
- Apply skills in analysis, design, construction and evaluation to a range of engineering problems with some complex features
- Communicate engineering concepts clearly and concisely using appropriate terminology
- Develop an understanding of the role and impact of engineering in changing and influencing out environment and society

The course will also give learners the opportunity to develop thinking skills and skills in numeracy, employability, enterprise and citizenship.

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Department **ENGLISH**

Course English

Level Higher

Entry Requirement S4 → S5	National 5 A/B; **or** C by discussion and negotiation with Curriculum Leader and Depute Head only. National 5 D or lower should resit
Entry Requirement S5 → S6	National 5 A/B **or** C by discussion and with Curriculum Leader and Depute Head. Nat 4, National 5 D or lower should resit

Progression Route	Successful completion of Higher A or B can lead to Advanced Higher. English is recognised by prestigious universities such as those in The Russell Group as a key 'facilitating' subject which shows a level of ability with language, argumentation and analysis desirable for any subject. It is particularly useful for Literature, Languages/Linguistics, Law, Philosophy, International relations, History, Politics, Psychology, Theatre Studies and Media and Communication awards. 'STEM' subjects are starting to use the quality of a candidate's English pass as a discriminating factor when offering entry to high-demand courses such as Medicine and Veterinary Medicine. Certain jobs, e.g Civil Service, also expect a candidate to possess a suitable pass at Higher English, despite other degree qualifications. **Careers:** English is applicable to a huge variety of careers. Common careers are journalism, publishing, research and information skills/librarianship, speech and language therapy, linguistics, media and advertising, law, politics, advocacy work, hospitality and tourism management, amongst many others.

Course Format	*The unit structure of the course, below, is now for use in exceptional circumstances only. For most pupils secure at Higher, units will not be entered.* **Unit 1:** Analysis & Evaluation – listening and reading to show understanding, analysis and evaluation of 'detailed and complex' texts **Unit 2:** Creation & Production – talking and writing to create and produce detailed and complex spoken and written texts **Course component:** Spoken Language – performance solo and group talk **The new 'Spoken Language – performance' course assessment must be met before a course award for Higher English can be awarded** Additional time to consolidate learning

Course Details

Although the Higher English course is very similar in *structure* to National 5 English, the level of demand is greater and more complex, with pupils not able to pick up marks for use of quotation alone, as they could in N5: all marks come from the quality and depth of explanation and insight. **Pupils taking Higher English should be prepared for this and not expect it to be an easy continuation of Nat 5.** Pupils should already be familiar with the course structure and the requirement to produce a two-piece Portfolio of writing. Higher will allow for the detailed study of more challenging and complex texts, enabling pupils to further develop their ability to summarise, analyse and evaluate. Pupils will continue to study Scottish texts as well as a wide range of texts from a variety of times and genres. Reading of non-fiction remains essential to progress, and talking, listening and writing skills are further developed and assessed.

The Assessment structure is very similar to Nat 5: a final exam is sat once the **Spoken Language criteria have been met.**
Paper 1: RUAE 30 marks, 1½ hours: **two** passages, questions and compare and contrast ideas of both.
Paper 2:Critical Reading, 1½ hours: Scottish set text (20 marks) and Critical Essay (20 marks)
A Folio of Writing (2 pieces, 30marks total) is submitted prior to the final exam.

Homework is a vital element to an individual's success and pupils should expect tasks to be set several times in a week. Regular study, revision and consolidation of learning should take at least three hours per week, including the Weekly Broadsheet Review. Pupils receive a course calendar with key dates given.

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Department **GEOGRAPHY**

Course Geography

Level Higher

Entry Requirement S4 → S5	National 5 in Geography **or** another Social Subject and English, with teacher recommendation. Pupils should be achieving A-C in National 5 for recommendation as well as having a developed portfolio of map skills.
Entry Requirement S5 → S6	National 5 Geography **or** Higher A or B in another Social Subject and National 5 English with teacher recommendation

Progression Route	A or B pass at Higher may allow progress to Advanced Higher **Careers:** Geography complements both the social and natural sciences and offers career paths in research, mapping and GIS, climatology, urban planning, community development and environmental management, as well as tourism, civil engineering, quantity surveying and business. In higher education the qualification is valued as an entry qualification to Arts, Social Science and Science faculties in many universities. Geography students are consistently ranked as being some of the most employable graduates.

Course Format	**Unit 1:** Physical Environments **Unit 2:** Human Environments **Unit 3:** Global Issues **Unit 4:** Application of Geographical Skills **Unit 5:** The Higher Geography Assignment There is also an Assignment due which is worth 20% of the final mark.

Course Details

Some topics are developed in more depth from National 5 to encourage progression with new topics are introduced with new case studies to add variety. Linking with Science pupils will build on the key skills of collecting, processing and evaluating information accurately, and expertise in the use of a range of maps, diagrams and statistical techniques.
A comprehensive and detailed course booklet summarising the course and providing exam technique and model answers is distributed to each pupil.

Physical Environments: Pupils study the interacting global systems of Atmosphere, Hydrosphere, Lithosphere and Biosphere and make links with all three science subjects. They consider how and why these systems work and their impacts on the earth's surface. Pupils also explore the intricate relationships between land-use and human influence, including a detailed study of the Cairngorms and Dorset in terms of land-use conflicts, solutions and evaluating the impact of these management strategies.
Human Environments: Pupils continue to consider the changing dynamics of world population and then explore how people cope with contemporary problems of both urban and rural life across a range of different countries. Case studies include Rio and Edinburgh, as well as exploring the demographics of Japan and Kenya.
Global Issues: Pupils will study Global Climate Change and River Basin Management. They will explore the physical and human causes of climate change; the local (especially on Scotland) & national effects and the local & international mitigation and adaptation strategies including evaluating whether each solution is/was successful or not, and a particular emphasis on COP26 in Glasgow. They explore Colorado in USA and the water shortages being experienced in River Basin Management.
Application of Map Skills- Pupils answer source and map-based question exploring the social, economic and environmental impacts of a proposed development or route and justifying the physical and human factors for its site. Lots of map evidence and inferring facts from data sources required here!
Assignment- The Assignment, completed in examined conditions, is marked out of 30 and should be written within 1 hour 30 minutes. During the final production of evidence stage, candidates should only have access to their Processed Information. This Processed Information should consist of no more than two single sides of A4 or one single side of A3 paper. Candidates pick a topic that interests them (previous topics included comparing different areas of Edinburgh along a transect and a Water of Leith study). There will be opportunities for physical and human fieldwork trips if there is demand.
Assessment: The final exam will consist of two papers, Paper 1 will assess both Physical and Human Environments and will be marked out of 100, lasting 1 hour 50 minutes. Paper 2 will assess Global Issues (Climate Change and River Basin Management) and the Application of Geographical Skills, lasting 50 minutes and marked out of 40, 40 marks for both global topics and 20 marks for the Application question. There are 6 assessments (Biosphere and Rural Land degradation; Lithosphere; Hydrosphere and River Basin Management; Urban and Population and Climate Change & Atmosphere) through the year, including the Prelim. The assessments draw knowledge from the different topics, and we feel combining Units with the most transferable links makes more sense.

Homework: Pupils must be prepared to spend 1-2 hours per week following up classwork and/or preparing for assessments on Teams. Homework is communicated via Teams under assignments and normally consists of practise SQA past paper questions.

Additional Information: In the 21st century, with growing awareness of the impact of human activity on the environment and scarce resources, the study of Geography fosters positive life-long attitudes of environmental stewardship, sustainability and global citizenship. The importance of learning Geography has been emphasised through the Climate Crisis and gaining knowledge of the relationships between humans and the precious environment we live in. This qualification will furnish learners with the skills, knowledge and understanding to enable them to contribute effectively to their local communities and wider society. Geographers specialise in understanding and trying to improve society's most pressing problem, therefore the dynamism of a geography degree is sought-after by employers.

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Department **DESIGN & ENGINEERING**

Course Graphic Communication

Level Higher

Entry Requirement S4 → S5	National 5 A/B in Graphic Communication, Art and Design or Design & Manufacture
Entry Requirement S5 → S6	National 5 A/B in Graphic Communication, Art and Design or Design & Manufacture

Progression Route	Other SQA qualifications in Graphic Communication or related areas further study, employment and/or training **Careers:** Industrial designers, Architecture, Desk top publishers, Drafters, Multi-media designers, Graphic designers

Course Format	**Unit 1:** 2D Graphic Communication **Unit 2:** 3D and Pictorial Graphic Communication

Course Details

2D Graphic Communication

- Produce and interpret 2D orthographic sketches and drawings
- Produce 2D computer-aided designed/draughted production drawings
- Produce preliminary 2D designs and illustrations for a multi-page promotional document
- Create a multi-page promotional publication and a project set of promotional publications

3D and Pictorial Graphic Communication

- Produce and interpret pictorial sketches and drawings
- Produce 3D computer-aided designed/draughted models and associated production drawings
- Produce pictorial and 3D illustrations of everyday objects
- Plan and produce pictorial and/or 3D models for promotional purposes

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Department **HEALTH, FOOD & TEXTILE TECHNOLOGY**

Course Health & Food Technology

Level Higher

Entry Requirement S4 → S5	National 5 Health & Food Technology Grade A/B **or** National 5 English or Social Subject Grade A/B **or** Interview with Curriculum Leader
Entry Requirement S5 → S6	National 5 Health & Food Technology Grade A/B **or** National 5 English or Social Subject Grade A/B **or** Interview with Curriculum Leader

Progression Route	Advanced Higher Health and Food Technology **Careers:** The diversity and challenge offered by this qualification offers a wide and interesting career choice within the Food Product Development industry, dietetics, food technology, nursing, primary and secondary teaching, environmental health, trading standards, public health, advertising and the retail food industry.

Course Format	**Unit 1:** Food for Health **Unit 2:** Food Product Development **Unit 3:** Contemporary Food Issues

Course Details

Food for Health
The development of essential and detailed knowledge and understanding of the relationships between health, food, nutrition, current dietary advice; and their impact on health for the dietary needs of individuals and people at various stages of life. Learners will extend their practical skills and apply food preparation techniques using safe and hygienic practices.

Food Product Development
The development of knowledge and understanding of technological food processing activities which demonstrate the science and functional properties of food and its application in creating new products within a variety of contexts. Learners will apply a range of food preparation techniques to design, create, analyse and evaluate food products to meet specified needs.

Contemporary Food Issues
Learners will research a range of contemporary factors affecting food and nutrition, health and wellbeing and consumer choices exploring factors which may affect food choice and develop knowledge and understanding of contemporary food issues. They will also consider technological developments in food and food manufacturing, organisations which protect consumer interest and how food labelling helps consumers make informed food choices. Learners will apply knowledge and skills within practical contexts.

Assessment
Exam: A demanding question paper worth 60 marks, externally assessed by the SQA.
Assignment: This will require application of knowledge, understanding and skills from across the units in which learners will develop a food product or products to a given brief. The assignment will be sufficiently open and flexible to allow for personalisation and choice. The briefs are set by the SQA, externally assessed and worth 60 marks.

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Department **HISTORY**

Course History

Level Higher

Entry Requirement S4 → S5	National 5 A or B pass in History and/or another Social Subject and English, alongside teacher recommendation if necessary.
Entry Requirement S5 → S6	As above or Higher A or B in another Social Subject and English, alongside teacher recommendation if necessary for crash higher.

Progression Route	Advanced Higher. **Careers:** Law, Politics, Publishing, Journalism, Diplomatic Careers and International Relations, Media and Advertising, Teaching, Archaeology, Science based careers.

Course Format	**Unit 1:** Historical Study – European and the World; The USA 1916-1968 **Unit 2:** Scottish History – Migration and Empire 1830-1939 **Unit 3:** Historical Study – Britain 1851-1950

Course Details

Later Modern History – The USA 1918 – 1968 (Essay Work)
A study of tensions between whites and non-whites and other ethnic groups in American society; focussing on racial divisions, economic problems, the growth of government and the struggle for civil rights. From slavery to freedom rides, Martin Luther King and Malcolm X, the story of USA is captivating and truly colourful.

Later Modern History – Britain 1851-1951 (Essay Work)
What would you do if you lived in a country where you had no say over who governed you and no means of speaking out? Once upon a time Britain was not the fair country it was today and few safety nets existed to catch the poorer sections of society from falling into abject poverty. This topic explores how the political make-up of Britain changed during the 19th and 20th centuries and how a fairer state was built. Students will explore the emergence of the early Labour party and the how the welfare system was built to help support the British citizens of the past. This topic dovetails with ease into more up-to-date politics which are taught in Modern Studies.

Scottish History – Migration and Empire 1830 – 1939 (Source Evaluation Skills)
What impact have the Scots had on the world around them? How did we contribute to the British Empire? Are we as thoroughbred a nation as we believe, or a wonderful melange of ethnicities from afar? In this topic pupils will study how the population movement of the nineteenth and twentieth centuries affected Scotland and the Empire.

Assessment: There are 2 papers both 1 ½ hours each. The essay paper requires students to complete 2 essays, worth 22 marks each. An additional paper, called the Scottish Paper is written over 1 ½ hours and tests pupil's source handling skills. This is worth 36 marks. A written assignment – 30 marks – is written under exam conditions, similar to the National 5 assignment and is marked externally by the SQA. Pupils are continually assessed according to SQA outcomes and achievement of this is required and recommended in order that students can sit the final exam.

Homework: Will be set each week. This will consist of: finishing work begun in class; additional set reading; essay writing under timed and non-timed conditions as well as source skills exercises.

Attendance: Pupils from S5 and S6 will be expected to attend all classes. If other commitments prevent attendance it is the pupil's responsibility to ensure their successful progress with the course using the appropriate resources on Sharepoint.

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Department **BIOLOGY**

Course Human Biology

Level Higher

Entry Requirement S4 → S5	National 5 pass in Biology at Grade A to C
Entry Requirement S5 → S6	National 5 pass in Biology, Chemistry or Physics

Progression Route	Pupils achieving a grade A or B may progress to Advanced Higher Biology in S6. Pupils may find this subject useful if going on to study medicine, veterinary medicine, dentistry, any bioscience, Sport & Exercise or PE at college or university.

Course Format	**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 and 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 and clinical trials of vaccines and drugs.

Course Details
The Human Biology course develops understanding of human biology in the role in scientific issues and relevant applications including the impact on society and the environment. It develops analytical thinking skills including scientific evaluation and planning as well as continues to develop problem solving skills. Literacy is used to communicate ideas and make scientifically informed choices.

Assessment: Each of the Units will be assessed using class tests. Assessment includes a written assignment based on practical work carried out in class and making up 20% of the overall mark.

Home-study: At least 3-4 hours a week are expected to consolidate as well as complete, class work and to prepare for assignments and assessments.

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Department **MATHEMATICS**

Course Mathematics

Level Higher

Entry Requirement S4 → S5	National 5 Mathematics A, B or C grade
Entry Requirement S5 → S6	National 5 Mathematics A, B or C grade

Progression Route	Pupils may progress to any or all of • Advanced Higher Mathematics • Advanced Higher Mathematics of Mechanics • Advanced Higher Statistics Higher Mathematics is an entry requirement for a wide range of courses in higher/further education. It is a specific entry requirement for mathematics, engineering or science HNC, HND or degree courses

Course Format	• Expressions & Functions • Relationships & Calculus • Applications

Course Details

This course aims to deepen the learner's skills in using mathematical language and exploring advanced mathematical ideas.

Expressions and Functions (H) Applying algebraic skills to logarithms and exponentials; applying trigonometric skills to manipulating expressions; applying algebraic and trigonometric skills to functions; applying geometric skills to vectors.

Relationships and Calculus (H) Applying algebraic skills to solve equations; applying trigonometric skills to solve equations; applying calculus skills of differentiation and of integration.

Applications (H) Applying algebraic skills to rectilinear shapes; applying algebraic skills to circles; applying algebraic skills to sequences; applying calculus skills to optimisation and area.

Course Assessment: There is an external SQA exam which is graded. There are two question papers requiring candidates to apply knowledge and skills acquired across the course to unseen situations. One of the papers is non-calculator.

Homework: At least 5 hours per week. This will be a mixture of
- textbook exercises and review of notes taken in class to consolidate new learning
- formal hand-in homework exercises with feedback from the teacher

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Department **MEDIA STUDIES**

Course Media

Level Higher

Entry Requirement S4 → S5	National 5 Media pass **OR** Pupils may crash by negotiation with subject teacher and Curriculum Leader if success in N5 English at A or B has been achieved in S4
Entry Requirement S5 → S6	National 5 Media pass **OR** Pupils may crash by negotiation with subject teacher and Curriculum Leader if success in N5 English at A or B has been achieved

Progression Route	Media Studies/Film Studies degree courses in Higher Education; media production courses in Further/Higher Education. **Careers:** Creative industries; PR; journalism; advertising etc**.**

Course Format	**Unit 1:** Analysing Media Content **Unit 2:** Media Assignment

Course Details

Higher Media Studies is a challenging course suitable for those who have achieved success in the subject at Nat 5 level. It may also be chosen by pupils new to Media, provided they satisfy entry requirements and have a genuine interest in film, media issues and current affairs. The course provides a good grounding for further study of film/media in the tertiary sector. Assessment is by way of extended written tasks and essays. Group discussion tasks run throughout the course and the Assignment involves both practical and extended writing tasks.

Analysing Media Content looks at film by focusing on one genre. We currently study Martin Scorsese' 1990 gangster/crime film 'Goodfellas' but this could change. Throughout the analysis we focus on the key aspects of media, Narrative, Language, Categories, Representation, Society Contexts, Institutions, Role of the Media, and Audience responses. It also demands understanding of social and economic factors in media production.

The **Assignment** allows well-motivated pupils to gain up to 50% of their final mark in a task that encompasses research, planning and making a media product.

Higher candidates new to the subject should not underestimate the challenges of the course. They should be highly self-motivated and willing to invest extra individual hours in the basics of the subject to which the Higher course cannot allocate time; **they should also have a strong record of attainment in English.**

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Department **MEDIA**

Course National Progression Award (NPA) Film and Media

Level SCQF 6

Entry Requirement S4 → S5	National 5 Media pass **OR** Pupils may crash by negotiation with subject teacher and Curriculum Leader if success in N5 English at A or B has been achieved in S4
Entry Requirement S5 → S6	Higher Media pass **OR** Pupils may crash by negotiation with subject teacher and Curriculum Leader if success in Higher English at A or B has been achieved

Progression Route	Media Studies/Film Studies degree courses in Higher Education; media production courses in Further/Higher Education. **Careers:** Creative industries; PR; journalism; advertising etc**.**

Course Format	**Unit 1:** Film and the Film Industry: An Introduction **Unit 2:** Creative Project

Course Details

Pupils will study the following mandatory units:

The Film and the Film Industry: An Introduction unit introduces learners to technical and/or cultural codes and narrative conventions in film through viewing and analysing films or film extracts in a range of film genres. Learners will also gain detailed knowledge and understanding of the film industry and current commercial factors that affect film production and distribution, including funding, marketplace developments and the impact of developments in technology on production, content and audience engagement.

The Creative Project unit allows learners to plan, implement and evaluate a media-based project in response to a given brief. The Creative Project gives learners the opportunity to put into practice knowledge and skills they have developed, and to further develop key skills such as planning, communication, problem solving and time management.

Along with these mandatory units, pupils must choose two optional SQA credits (12 SCQF credit points) from units such as, **Media: Feature Writing, Storytelling for the Creative Industries, Media: Understanding the Creative Process, Media: Directing a Single Camera Production, Media: Lighting for Single Camera, Media: Sound Recording for Single Camera**

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Department **MODERN LANGUAGES**

Course French/German/Mandarin/Spanish

Level Higher

Entry Requirement S4 → S5	A or B Pass at National 5 **or** C Pass by negotiation
Entry Requirement S5 → S6	A or B Pass at National 5

Progression Route	Advanced Higher in S6 if A or B Pass at Higher

Course Format	Assessment - This makes up the final exam. Pupils are assessed in Reading, Listening, Speaking and Writing. Speaking is carried out in school and writing is split between an assignment completed in school, and the final exam

Course Details

The aim is to build on what has been learned in National 5, improving fluency and accuracy. Pupils develop a better awareness of how the language works, so that they can tackle more sophisticated tasks. We move on from the basic personal language, and there is now a greater emphasis on being able to understand different points of view, on being able to express a point of view and to exchange ideas accurately in spoken and written language. We also expect pupils to take more responsibility for their learning.

Reading, Listening, Speaking and Writing skills are developed throughout the course by studying the following contexts:

Society – Family and Friends
Lifestyles
Media
Global Languages
Citizenship

Employability – Jobs
Work and CVs

Learning – Learning in context
Education
Lifelong Learning
Future Plans

Culture – Planning a Trip
Other Countries
Celebrating a Special Event
Film and Television
Literature

Assessment

All assessment is external (Reading, Listening, Speaking and Writing) though the speaking is assessed internally and subject to SQA verification. The final exam is made up of a speaking assessment, carried out with the class teacher and worth **25%** of the final grade, a writing assignment (**12.5%**) completed in school and sent away for external marking, and two exam papers:

Paper 1: Reading (25%) and Directed Writing (12.5%)

Paper 2: Listening (25%)

Homework: There will be 2-3 hours set homework per week

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Department

MODERN STUDIES

Course Modern Studies

Level Higher

Entry Requirement S4 → S5	Modern Studies National 5 Grade A-C and/or another Social Subject **plus** a National 5 Grade A-C in English, alongside teacher recommendation if necessary.
Entry Requirement S5 → S6	Higher A-B in another Social Subject and/or English, alongside teacher recommendation if necessary.

Progression Route	Advanced Higher Modern Studies **Careers:** Modern Studies provides a useful qualification for a wide range of careers, e.g. Law, politics, international relations, civil service, journalism, broadcasting, police, social work and the health service.

Course Format	**Unit 1:** Democracy in Scotland and the United Kingdom **Unit 2:** Social Issues in the UK: Crime and the Law **Unit 3:** International Issues; World Issues; Terrorism

Course Details
Modern Studies provides pupils with knowledge and understanding of political, social and economic issues on a UK and international level. In the study of democracy, crime and the law, and terrorism, pupils will develop the core skill of 'critical thinking'. Modern Studies encourages learners to develop important attitudes including: an open mind and respect for the values, beliefs and cultures of others; openness to new thinking and ideas and a sense of responsibility and global citizenship.

Course Outline
Democracy in Scotland & the UK: This unit covers the study of representative democracy in Scotland and/or the United Kingdom and the ways in which citizens are informed about, participate in, and influence the political process. Skills development will focus on detecting and explaining the degree of objectivity in political contexts.

Social Issues: Crime & the Law: This unit covers the role of law in society, theories and causes of crime, the impact of crime on society and methods of tackling crime and their effectiveness. The skills development in this unit will involve researching and evaluating a range of written, numerical and graphical sources of information in order to make and justify decisions.

International Issues: Terrorism: This unit involves the study of international terrorism. Focus is placed on the causes of terrorism and the impact it has on individuals, countries, regions and the international community as a whole. The focus of study then changes to looking at responses to terrorism from individual governments and international organisations such as the EU and NATO. Analysing and evaluating the success of these responses allows for significant skills development.

Methods of Learning: Pupils will use a wide variety of resources: PowerPoint, textbooks, videos, online learning, visiting speakers and outside visits where appropriate. There will be opportunities for debating, presentations and participation in outside competitions relating to the subject where appropriate. The investigative and critical thinking activities in this course give learners important experience in contributing to group work and working independently. Learners will acquire attributes, which will be important for their life and work.

Form of Assessment: End of course externally assessed exam in May worth 80 marks (73% of overall grade) and research assignment worth 30 marks (27% of overall grade).

Homework will involve: Assignments related to key aspects of the course

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Department **MUSIC**

Course Music

Level Higher

Entry Requirement S4 → S5	National 5 Grade A/B with good passes in understanding and composing
Entry Requirement S5 → S6	As above or by audition and written examination

Progression Route	Advanced Higher Music/College/University/Vocational Work Schemes **Careers:** Performer, composer, journalist, teaching both primary and secondary, sound engineer, media and TV, radio, film industry, music therapy, computer games design, graduate training schemes, music theatre.

Course Format	**Unit 1:** Performing **Unit 2:** Understanding **Unit 3:** Composing

Course Details

This course is designed with three groups of pupils in mind, the music lover who wishes to study music for pleasure, the pupil who is an able musician and would like to use music as one of their Highers to enter any university course and the pupil who wishes to continue with music into further education.

The Course consists of a Performance exam worth 50%, a Written Paper worth 35% and a Composition* worth 15%. You will study performance on two instruments, both worth 30% each of the overall mark. You can play any style of music as long as it is of an appropriate standard (grade 4 or equivalent). The overall performance time on both instruments should amount to 12 minutes with a minimum of 4minutes on one instrument.

The Written paper tests musical knowledge and understanding from The Renaissance through to the present day.

Also, as part of the course you will compose music.

*could be subject to change

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Department **RELIGIOUS, MORAL AND PHILISOPHICAL STUDIES**

Course Philosophy

Level Higher

Entry Requirement S4 → S5	English or a Social subject at National 5 **or** Interview with Curriculum Leader
Entry Requirement S5 → S6	English or a Social subject at National 5 or equivalent **or** Interview with Curriculum Leader

Progression Route	Pupils with either an A or B pass at Higher Philosophy may wish to progress to Advanced Higher RMPS

Course Format	**Unit 1:** Arguments in Action (40 Hours) **Unit 2:** Knowledge and Doubt (40 Hours) **Unit 3:** Moral Philosophy (40 Hours)

Course Details

Three 40 hour Units

Philosophy involves an exploration about knowledge, morality and the world we live in. This course enables you to become more aware of the complexity of philosophical questions and arguments. The course aims to challenge you to think clearly about problems by asking questions about the world we live in. You will develop the ability to analyse and evaluate philosophical positions and arguments to develop your own reasoning skills.

The three key skills that are covered in the course are analysing, evaluating and presenting a reasoned view. An understanding pf philosophy can provide a useful background for a number of other areas such as the media, politics, social sciences, health professionals and law.

Philosophy: Arguments in Action – In this unit we develop our ability to analyse and evaluate arguments. We will develop knowledge on argument structure, philosophical techniques and common errors that people make in reasoning. We will examine issues such as plausibility, ambiguity and examine the different components of an argument.

Philosophy: Knowledge and Doubt – In this unit we will analyse and evaluate theories of knowledge such as rationalism, scepticism and empiricism. Looking at philosophers such as Descartes and Hume and concepts such as the unreliability of the senses.

Philosophy: Moral Philosophy – We will analyse and evaluate moral principles such as Kantian and Utilitarian theories. We will examine how these moral theories might respond to moral situations as well as presenting out own viewpoints on the response.

Assessment: Two exam papers. Paper 1 two 30 mark essays in 2 hours and 15 minutes on Knowledge and Doubt and Moral Philosophy. Paper 2 50 marks of short answer questions on all three units.

There is no assignment in Higher Philosophy.

Homework: 2 -3 hours per week.

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Department **ART & DESIGN**

Course Photography

Level Higher (S6 only)

Entry Requirement S4 → S5	This course is not available to S5.
Entry Requirement S5 → S6	NPA photography at level 5 or **two** from Higher Art & Design, Higher English and Higher Media.

Progression Route	Higher Photography can lead to the study of photography at college or University and employment or study in the Creative Industries. Photography skills will benefit future visual presentation tasks and report illustration in all aspects of study and employment.

Course Format	The Higher course assessment takes the form of a personal project (100 marks) and a written exam (30 marks). Candidates will develop and build on their practical photographic skills, working with studio lighting and DSLR cameras and other advanced photography equipment. They will learn how to understand and appreciate photography as a medium and analyse the work of photographers. The scale and scope of the final project will be the candidate's personal choice and their proposal will be agreed between candidate and teacher, based on their skills, abilities and interests.

Course Details

The course is a significant 'step up' from the NPA in terms of the ability and understanding required to gain a good grade. It requires a high degree or self-motivation and independent learning and would suit pupils who have a strong interest in photography.
The Course has an integrated approach to learning. It includes experiential learning activities which are underpinned by knowledge and understanding of photography.
All pupils will follow the same initial course, furthering technical and creative photographic skills, and developing skills of analysis and understanding. By October pupils will review their progress and propose their own final project in discussion with their teacher.

The final project will take their proposal to completion, studying the work of influential selected photographers, planning shoots, explaining their decisions and outcomes to produce a series of final prints. The final photographic prints will be printed and submitted along with the project to the SQA for assessment in April. There will also be a written exam as part of the SQA exam diet in May.

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Department **PHYSICAL EDUCATION**

Course Physical Education

Level Higher

Entry Requirement S4 → S5	National 5 PE A/B pass. A very keen interest in Sport & Physical Activity. Pupils who are performing/playing sport at a high level.
Entry Requirement S5 → S6	National 5 PE pass. A very keen interest in Sport & Physical Activity. Pupils who are performing/playing sport at a high level.

Progression Route	Higher PE will provide progression to Advanced Higher Physical Education, Higher National Certificates, Higher Education degrees, further study, employment and/or training. ***Edinburgh University*** head of admissions stated: "*the university views Higher Physical Education on an equal basis as other subjects".* ***Glasgow University*** head of admissions stated: *"please encourage your students to study Higher PE and I look forward to receiving applications for any discipline that contains this qualification".* **Careers:** Sports Administration, Sports Medicine, Sports Science, Sports Coaching, Sports development and Physical Education Teaching. Higher PE is regarded as **equal in value to all other subjects** (such as Maths, English, etc) and applicants will never be discriminated against (Glasgow University states).

Course Format	**Assessment:** Practical Performance (50%) and Final Exam (50%)

Course Details

The Higher course enables pupils to demonstrate and develop movement and performance skills in a variety of physical activities. Learners will develop an understanding of how mental, emotional, physical and social factors can impact performance whilst investigating various ways to develop performance. Learners will use various methods to collect data/information on performance, which will allow them to identify performance strengths and areas requiring development. Learners will also gain knowledge of how to design, implement, record and monitor training programmes to successfully develop performance in variety of activities.

Assessment 1: Performance (50%)

All learners are required to be assessed in **two activities** of their choice. Performances are assessed in the following areas: Performance repertoire, control and fluency, effective decision making, roles/responsibilities and tactics/composition, rules/regulations, etiquette and the managing of emotions. Learners are expected to prepare for the Performance Assessment from the start of the course by regularly practising their activities at our extracurricular or local sports clubs. The Performance Assessment contributes to 50% of the overall course grade

Assessment 2: Examination Paper (50%) – Final Exam

Assessment of the learner's ability to apply knowledge and understanding from across the Units.

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Department **PHYSICS**

Course Physics

Level Higher

Entry Requirement S4 → S5	National 5 pass in Physics at grade A to C Pupils **must** also be taking Maths in S5
Entry Requirement S5 → S6	National 5 pass in Physics, Chemistry or Biology **and** also a pass or studying Higher Maths in S6

Progression Route	Higher Physics, along with Higher Maths, is essential for pupils considering studying Engineering at College or University. Pupils gaining an A or B at Higher could proceed to Advanced Higher **Careers:** Higher Physics may be useful for pupils considering a range of careers in the Sciences, Engineering, Medicine, Sports Science, Architecture and Finance.

Course Format	The higher course consists of 2.5 taught units and an assignment, which is marked externally. **Unit 1: Our Dynamic Universe:** The topics covered are: Motion - equations and graphs, forces, energy and power, collisions, explosions and impulse. Gravitation, special relativity, the expanding Universe. **Unit 2: Particles and Waves:** The topics covered are: Forces on charged particles, the Standard Model, nuclear reactions, inverse square law, wave particle duality, interference, spectra, refraction of light. **Unit 3: Electricity:** The topics covered are: Monitoring and measuring AC, current, potential difference, power and resistance, electrical sources and internal resistance, capacitors, semiconductors and p-n junctions.

Course Details

This course is designed to increase pupil's knowledge and understanding of the concepts of Physics and its many applications in modern society. It provides the opportunity to develop the skills necessary to find solutions to scientific problems, such as experimenting, investigating and analysing, and gives a deeper insight into the structure of the subject. The course makes a valuable contribution to your general education and provides a sound basis for further study at a more advanced level.

Assessment: Pupils will sit class test along with the SQA unit assessments.
Higher Physics is a challenging course which demands commitment, application and effort.

Homework is issued on a weekly basis. Completion of homework is regarded as essential consolidation of coursework and failure to complete it will result in parents being informed. Students are also expected to regularly review their class work with summary notes and tutorial questions made available to help consolidate work beyond the classroom.

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Department **RELIGIOUS, MORAL AND PHILISOPHICAL STUDIES**

Course Religious, Moral and Philosophical Studies

Level Higher

Entry Requirement S4 → S5	English or a Social subject at National 5 **or** Interview with Curriculum Leader
Entry Requirement S5 → S6	English or a Social subject at National 5 or equivalent **or** Interview with Curriculum Leader

Progression Route	Pupils with either an A or B pass at Higher RMPS may wish to progress to Advanced Higher RMPS

Course Format	**Unit 1:** World Religion (40 Hours) **Unit 2:** Morality and Belief (40 Hours) **Unit 3:** Religious and Philosophical Questions (40 Hours)

Course Details

Three 40 hour units plus Assignment

Religion is one of the most powerful forces the world has ever known; all societies contain elements of religious belief. Scotland is no different and our society is still influenced by the many religious faiths as well as by viewpoints independent of religious belief. RMPS deals with the "big questions" in life: what is life for? Is there a god? Why is there evil in the world? The course looks analytically at the response to these questions and encourages you to treat them critically and analytically. The aim of the course is to develop a philosophical approach to the study of beliefs, values and issues which are of importance in the world today. To analyse and think critically about our own beliefs and those of others.

World religion: Within this unit we will examine one religion with an in-depth analysis of the beliefs and practices, with a particular focus on the impact on people's lives. We will choose one religion from Buddhism, Christianity, Islam, Sikhism, Hinduism or Judaism.

Morality and belief: In this unit we undertake an evaluation one of the moral issues facing the world today. Possible topic areas include: Religion and Justice; Religion and Relationships; Religion, environment and Global issues; Religion, Medicine and the Human Body; Religion and Conflict. We will look at religious and non religious viewpoints on the issue as well as examining our own beliefs and ideas.

Religious and Philosophical Questions: In this unit we will choose one unit and examine it from religious and non-religious perspectives. The topics we will choose from are: The Origins of Life; The Existence of God; The Problem of Evil and Suffering; Miracles.

Assignment: For the Assignment pupils must choose a Religious, moral or philosophical issue for study. This is mainly self-directed with support from the teacher. They will carry out an in-depth study of the different viewpoints and present a carefully structured conclusion. Worth 30 Marks – 33% of the total mark. With an emphasis on the application of skills 20 marks for skills 10 marks for Knowledge and understanding of the issue.

Homework: 2 -3 hours per week.

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Department **ART & DESIGN**

Course Art & Design

Level Advanced Higher/Art College portfolio preparation

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher at A or B pass. Possible entry with a C pass after discussion with Curriculum Leader

Progression Route	To first year study at a University or Art College practical arts course. **Careers:** Career paths that would benefit from this course, in addition to all of the creative industries, would be Primary Teaching and Media Studies.

Course Details

The Advanced Higher Course is essentially a project-based course where the pupil decides to undertake either a Design Project or an Expressive Project.

The course requires enthusiasm, commitment and the ability to work independently. It is ideal for pupils who have a high level of ability and interest in Art & Design and want to take their learning further.

The course will also provide the basis for an entrance folio for first year study at an art college, architecture and other folio courses.

Course Content
Pupils will work on a larger scale and have a personal studio area to work during their study time. We expect pupils to visit art galleries and take part in the many workshops and opportunities offered by museums and galleries in Edinburgh. They will also learn more about the work of artists and designers and their relation to careers and professional practices.

At the start of the course pupils will follow a similar generic course of activities which will open out into more personalised study as the course progresses.

Pupils will be expected to commit to a significant amount of personal study outside class time and need to be aware of this when planning their S6 course choice.

Please Note:
The entry requirements for specialised art college courses have changed recently, and pupils considering applying to art college after S6 are strongly advised to apply to the one-year full-time folio course at Edinburgh College (formerly Telford College), which provides a specialist portfolio course for direct entry to the second year departments in art college, for example sculpture, fashion, illustration, product design etc.

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Department **BIOLOGY**

Course Biology

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Grade A or B in Biology or Human Biology

Progression Route	Pupils may find this subject useful if going on to study medicine, veterinary medicine, dentistry, any bioscience, Sport & Exercise or PE at college or university and may be eligible for advanced entry into year 2 of a degree program

Course Format	**Unit 1:** Biology, Cells and Proteins **Unit 2:** Organisms and Evolution **Unit 3:** Investigative Biology

Course Details

Unit 1 covers study of:
- Lab techniques for biologists
- Proteins

Unit 2 covers study of:
- Field techniques for biologists
- Organisms

Unit 3 covers study of:
- Scientific principles and processes
- Experimentation
- Critical evaluation of biological research

Project
- An investigation of a biological nature involving experimenting, fieldwork etc. Written up in approximately 2000 words and normally completed outside of class time. Worth approx. 25% of final mark.

Home-study

Considerable home-study is expected to consolidate course content and complete the investigation. Students will be expected to be self-directed, motivated learners who can manage their time effectively.

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Department **BUSINESS EDUCATION**

Course Business Management

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	S6 pupils only. Higher in Business Management at grade A-C

Progression Route	Gaining an award at Advanced Higher in Business Management are for those who are interested in entering the world of business, as an employee, a manager, or a self-employed person. It offers excellent preparation for, and transition to, higher education, by developing many transferable skills, such as autonomous learning.

Course Format	**Unit 1:** The external business environment **Unit 2:** The internal business environment **Unit 3:** Evaluating business information

Course Details
This course prepares pupils to play an active part in Scotland's vibrant and innovative business culture, by equipping them with an understanding of the local, national, and global nature of business. This includes the challenges posed by globalisation and the effect it has on Scotland's businesses and the business environment.

The course has three areas of study:

The external business environment
Pupils will develop a detailed knowledge and in-depth understanding of the effects of external influences on organisations operating at a multinational and global level. They gain an in-depth understanding of current issues affecting organisations in an economic, social and environmental context, and consider the effectiveness of various courses of action.

The internal business environment
Pupils will expand their knowledge of both traditional and contemporary management theories used by organisations to maximise efficiency, and evaluate theories relating to internal factors that influence the success of teams.

Evaluating business information
Pupils will develop skills in evaluating a range of business information used by organisations to reach conclusions.

Assessment
Regular tests are used to inform pupils of their progress. Grades are determined by the final examination (80 marks, 67%) and a research project (40 marks, 33%). Project is a report based on a topic and company chosen by the pupil and requires a lot of independent research.

Homework
Homework will be done on a regular basis with the completion of work from lessons and preparation for weekly/fortnightly timed questions – completed in class.

In addition, pupils will be asked to read course notes in preparation for lessons. Pupils will be given access to on-line resources provided by Scholar at Heriot Watt University that can be used for revision and to help with homework assignments.

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Department **CHEMISTRY**

Course Chemistry

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Chemistry Grade A, B or C Pupils achieving a Grade D should consider resitting Higher Chemistry *This course is not suitable for anyone wanting to take Chemistry for the first time. Choose Higher Chemistry.*

Progression Route	**Careers:** Chemical engineer Forensic scientist Finance (including accountancy, banking) Business Graduate Programmes Analytical chemist, Healthcare scientist, clinical biochemistry. Pharmacologist Research scientist (physical sciences) Toxicologist

Course Format	**Unit 1:** Inorganic chemistry **Unit 2:** Physical chemistry **Unit 3:** Organic chemistry and instrumental analysis **Unit 4:** Researching Chemistry (including an individual Practical Assignment`)

Course Details

Advanced Higher Chemistry continues to develop problem solving, practical skills and knowledge and understanding by a more in-depth study of the major branches of the subject. Particular emphasis is placed on application of knowledge. Click here for more information.

Students will complete an individual practical assignment/project as part of the Researching Chemistry Unit and will work unsupervised after completing the necessary risk assessments. This project counts towards 25% of the final grade with the remaining 75% is being assessed by an external question paper.

Home study should involve a **MINIMUM** of 3 hours per week. In addition, pupils are expected to allocate additional time during the school week for independent study, practical work and accessing the Heriot-Watt Scholar programme.

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Department **COMPUTING SCIENCE**

Course Computing Science

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	S6 pupils only. Higher in Computing Science at grade A-C

Progression Route	Gaining an award at Advanced Higher in Computing Science provides a pathway for those who want to progress to more specialised training, further education, or entry into employment. The skills in the course are transferable to all areas of computing-related study including robotics, artificial intelligence, e-commerce, networking, cyber security, and systems analysis and testing.

Course Format	**Unit 1:** Software Design and Development **Unit 2:** Web Design and Development **Unit 3:** Database Design and Development **Unit 4:** Computer Systems **Project**

Course Details

This course highlights the central role of computing professionals as creative problem-solvers and designers, able to conceive, design, implement, and operate complex systems. It provides pupils with an understanding of contemporary computing technologies and develops a wide range of practical skills that underpin our modern, digital world. The course also builds awareness of the importance of computing in meeting our needs today and for the future, in many fields including science, education, business, and industry. Many organisations regard computing skills as vital to their growth and sustainability, while a growing number of individuals use computing technologies as a way to create entrepreneurial, social and enterprise-building opportunities.

Software Design and Development
In this unit pupils will develop object-oriented programming and computational-thinking skills by analysing, designing, implementing, testing, and evaluating practical solutions and explaining how these modular programs work. They use their knowledge of data types and constructs to create efficient programs to solve advanced problems.

Web Design and Development
Pupils will apply computational-thinking skills to analyse, design, implement, test, and evaluate practical solutions to web-based problems, using a range of development tools including HTML, Cascading Style Sheets (CSS) and PHP.

Database Design and Development
In this topic, pupils will develop knowledge, understanding, and advanced practical problem-solving skills in database design and development. They do this through a range of practical tasks, using SQL to create and query relational databases. Candidates apply computational thinking skills to analyse, design, implement, test, and evaluate practical solutions, using a range of development tools.

Computer Systems
Pupils will develop their understanding of how data is stored in hexadecimal form and how flags are used during the fetch-execute cycle. They become aware of the environmental impact of data centres and the security risks of code injections.

Assessment
Pupils will sit an assessment for each topic which they will be expected to pass. The course award will be achieved by a question paper (50%) and a project (50%). The project is an open brief and pupils are expected to choose a topic to demonstrate their skills in two of the areas above.

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Department **COMPUTING SCIENCE**

Course Database Design and Programming (Oracle)

Level Industry certification Qualification in Database design (Oracle Certificate Associate). Database unit at Higher level in Information Systems

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Computing **or** Higher Mathematics; Basic keyboard skills

Progression Route	This award will prepare pupils for a range of university-level courses in IT and Computing. It can also give them the IT skills they need to compete in today's job market. Oracle in an international company and their qualifications are recognized throughout the world.

Course Format	On-line teaching materials

Course Details

The World Wide Web relies heavily on relational databases to allow users to search for and find information. On sites like Amazon or IMBD the search facility is crucial to the success of the users in finding what they want with minimum effort. The database systems used by these web sites are designed and created by very skilled people. Organisations such as banks, airports and insurance companies rely on Oracle systems to run efficiently.

The Oracle Academy aims to give you some of the initial skills and understanding required in the professional workplace and the opportunities that could result from acquiring them. It aims to provide you with the necessary skills to pursue academic and professional opportunities in the field of IT.

This course begins by looking at the design of relational databases using entity relationship modelling and normalisation. You will learn to use SQL (structured query language) - "The language of the database" – to create, store and query data.

The course is run using on-line teaching materials which can be accessed in school and can also be accessed at home or in the local library for out of school study.

Studying this course lets you demonstrate what you have learned through hands-on labs, collaborative projects, problem solving exercises, and project management opportunities.

Homework
Pupils will be expected to access the tutorials both in school and at home. Practical exercises will need to be completed regularly. Using the on-line tutorials, pupils will be expected to revise for tests and the final examination.

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Department **DESIGN & ENGINEERING**

Course Design & Manufacture

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher A/B pass in Design and Manufacture

Progression Route	• a range of design and/or manufacturing related Higher National Diplomas (HNDs) • degrees in design and/or manufacturing related disciplines • careers in design and/or manufacturing design fields

Course Format	**Unit 1:** Design **Unit 2:** Manufacture

Course Details

This course has two areas of study.

Design
Candidates study the evolution of products, the design of products and the design process. This helps them develop the skills, knowledge and understanding required to initiate, develop, articulate and communicate design proposals, and appreciate the impact design has on society, the economy and the environment. Candidates enhance their understanding of the iterative nature of the design process by using the design, make and test process to reach a viable solution.

Materials and Manufacture
Candidates study the manufacture of commercial products. They develop knowledge of materials, processes, assembly, production and planning systems, and strengthen their understanding of how these influence the design of products. This gives them the knowledge and understanding required to develop a viable design proposal for a commercial product, and to plan its production. Integrating the two areas of study is fundamental to delivering the course successfully. It helps candidates to understand the relationship between designing products and manufacturing products, and it helps them appreciate how this connection influences a product's life cycle. By combining the study of design with the study of manufacturing, candidates also develop a better understanding of the impact design and manufacturing technologies have on society, the environment and the workforce.

some of the subject skills, knowledge and understanding developed in the course is outlined below:

- analysing and evaluating the design and manufacture of commercial products
- exploring a range of traditional and contemporary techniques for visualising, modelling, testing and evaluating design proposals
- developing skills, techniques and strategies for communicating ideas appropriate to a range of audiences and users
- developing knowledge and understanding of the role of design and manufacturing in contributing to a global economy
- developing a critical understanding of factors which influence and support the design and manufacture of commercial products — past, present and future
- developing knowledge and understanding of the ethical, social, and environmental impact of the design and manufacture of commercial products
- planning, managing and undertaking a significant design and manufacture assignment

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Department **DRAMA**

Course Drama

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Drama Grade A Higher English Grade A/B

Progression Route	Further/Higher education. **Careers:** Theatre, Law, Media, Design, Technical theatre, Medicine, Education

Course Format	**Unit 1:** Drama Skills **Unit 2:** Production Skills

Course Details

In Advanced Higher Drama you will be expected to work independently to research theatre practitioners, theatre companies and playwrights. You will analyse theory and performance and apply your experiences and knowledge to your own performance as an actor, director or designer.

Drama Skills: You will research and explore a theatre practitioner's methodologies and productions. You will then devise, direct and design your own theatrical statement.

Production Skills: You will research a second practitioner and analyse their influence on contemporary theatre performances. You will explore and apply your research and knowledge as an Actor, Director or Designer. You will undertake a practical exam specialising in either Acting, Directing or Design. This is worth 50% of the overall grade. You will also complete a 3000 word project, worth 30% of the final grade and an assignment analysing performance worth 20%.

Homework
You will be expected to complete preparatory and research based and/or essay tasks on a weekly basis.

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Department **DESIGN & ENGINEERING**

Course Engineering Science

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher A/B pass in Engineering Science **or** Physics

Progression Route	Degrees in Engineering and related disciplines A range of engineering related Higher National Diplomas (HNDs) **Careers:** Careers in Engineering

Course Format	**Unit 1:** Engineering Project Management **Unit 2:** Electronics and Control **Unit 3:** Mechanisms and Structures

Course Details

This course aims to:

- extend and apply knowledge and understanding of key engineering concepts, principles and practice through independent learning
- understand and apply the relationships between engineering, mathematics and science
- develop skills in investigation and research in an engineering context
- analyse, design, construct and evaluate creative solutions to complex engineering problems
- communicate advanced engineering concepts clearly and concisely, using appropriate terminology
- develop an informed understanding of the role and impact of engineering in changing and influencing our environment and society, including ethical implications

The course will also give learners the opportunity to develop thinking skills and skills in numeracy, employability, enterprise and citizenship.

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Department **ENGLISH**

Course English

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher English A or B

Progression Route	English is recognised by prestigious universities such as those in The Russell Group as a key 'facilitating' subject which shows a level of ability with language, argumentation and analysis desirable for any subject. It is particularly useful for Literature, International Relations, Languages/Linguistics, Law, Philosophy, History, Politics, Psychology, Theatre studies and Media and communication awards. 'STEM' subjects are starting to use the quality of a candidate's English pass as a discriminating factor when offering entry to high-demand courses such as Medicine and Veterinary Medicine and view AH level English as a desirable subject, sharing a high level of analytical, evaluative and communicative skills. Careers such as in the Civil Service also expect a candidate to possess a good pass in English, regardless of university degree subject. **Careers:** English is applicable to a huge variety of careers. Common careers are journalism, publishing, research and information skills/librarianship, speech and language therapy, linguistics, media and advertising, law, politics, advocacy work, hospitality and tourism management, amongst others.

Course Format	**Unit 1:** Analysis & Evaluation – reading of fiction and non-fiction for internal assessment and final exam; production of dissertation **Unit 2:** Creation & Production – folio of writing

Course Details

The Advanced Higher course follows a broadly similar structure as the Nat 5 and Higher, with two units familiar to all. However, A & E now includes compulsory unseen textual analysis as well as a critical essay on literature, and the Literature Dissertation. C & P requires a Folio of two pieces of writing as well as a writer's log detailing progress and editing towards the final piece. The course provides learners with the opportunity to apply critical, analytical and evaluative skills to a wide range of sophisticated texts from different genres. Learners will develop sophisticated writing skills.

Please note: at this level, candidates must be able to work and think independently, read and discuss critically, and cope with a high level of demand for reading and essay writing. **Pupils wishing to progress to Advanced Higher must show a genuine interest in literature and creative writing, along with a commitment to engage in university-level discussion and research. This is not the course for you if you haven't voluntarily read a book since S2, no matter how much you enjoyed Higher!**

Assessment: 1 x Literature essay 20 marks 1 x unseen textual analysis 20 marks
plus Folio (two pieces, total of 30 marks) and 2,500 – 3,500 word Dissertation of Literature (30 marks)
Homework will take at least four hours per week, and significantly longer at key times such as Dissertation drafts and deadlines. It is the pupil's responsibility to arrange meetings with their Dissertation Supervisor, on a regular basis. Failure to meet deadlines, including for Creative Writing, **will result in removal from the course.**

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Department **GEOGRAPHY**

Course Geography

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Geography A or B pass

Progression Route	**Careers:** Geography compliments the humanities, social and natural sciences and offers career paths in the environmental industry, research, mapping and GIS, climatology, urban planning, community development and environmental management, as well as tourism, civil engineering and quantity surveying and business. In higher education the qualification is valued as an entry qualification to Arts, Social Science and Science faculties in many universities. The Scottish Government has recently announced a climate emergency. Carbon reduction and sustainability are taught within Geography and increasingly skills in these areas are attractive to employers and businesses.

Course Format	**Unit 1:** Geographical Methods and Techniques **Unit 2:** Geographical Study **Unit 3-** A Geographical Issue

Course Details

The course focuses on Geographical Skills and is split up into 3 units.

Geographical Methods and Techniques Unit: concentrates on map interpretation, gathering and processing techniques and statistical data handling. Practice using these skills is essential for completing the geographical study in the Geographical Issues unit.

Geographical Issues Unit: This will be assessed by the production of a folio comprising:
Section A: Geographical Study — a report on geographical research.
Section B: Geographical Issue — a critical evaluation of an issue from a geographical perspective. The pupil will be expected to critique sources of a geographical nature and evaluate them to form a reasoned conclusion.

Final Exam: This will include 3 questions including detailed map interpretation, gathering and processing techniques and data handling.

Self-Study: Pupils must be prepared to spend at least 3 hours per week following up classwork and/or preparing for assessments.

Additional Information: Today, the importance of Geography and the significance of contemporary geographical research is clearly apparent when applied globally and nationally in a continually changing world repeatedly facing environmental, political and economic issues. Geography examines how the physical world is shaped, how it affects human activity.

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Department HEALTH, FOOD & TEXTILE TECHNOLOGY

Course Health & Food Technology

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Health & Food Technology Grade A/B **or** Higher English or Social Subject Grade A/B **or** Interview with Curriculum Leader

Progression Route	Degrees for entry into any University course as well as food science and technology, food product design, human nutrition and dietetics or food, nutrition, and health. Higher National Diplomas in areas such as food science and food technology, further study, employment and/or training such as health promotion or food testing **Careers:** This qualification is particularly suited to those wishing to pursue: Careers in Education : HFT Teacher, PE Teacher, Science Teacher, Primary Teacher. Careers in the Health Sector: Dentist, Doctor, Ophthalmologist, Physiotherapist, Paramedic, Pharmacist, Nursing and Midwifery as these are all linked to diet, nutrition, and health. • Food Product Development • Environmental Health Officer • Public Health Advisor • Food Technologist • Nutritionist • Food Scientist • Biochemist

Course Format	**Topic 1:** Health and Food Technology: Food for Health **Topic 2:** Food Science Production and Manufacturing

Course Details

This is a challenging and demanding course for those who have enjoyed the content covered in Higher Health and Food Technology. There is minimal teacher input with a focus on independent learning, students will:

- Develop skills of independent enquiry, critical thinking and analysis and evaluation
- Apply knowledge and understanding of the relationships between nutrition, food and health, and the importance of these relationships
- Develop detailed knowledge and understanding of food science
- Apply knowledge and understanding of the functional properties of food in food product development
- Develop detailed knowledge and understanding of commercial food manufacturing
- Analyse contemporary issues affecting consumer food choices

Assessment.

Question Paper: The question paper will require demonstration and application of knowledge, understanding and skills from across the topics.

Project: The project will require application of skills, knowledge and understanding from across the Units. Learners will produce a project proposal, carry out research and analyse the evidence they have gathered to come to conclusions. The project will be sufficiently open and flexible to allow for personalisation and choice.

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Department **HISTORY**

Course History

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher A or B in History alongside teacher recommendation.

Progression Route	University **-** Pupils who complete the course may be eligible for advanced entry into Year 2 of a degree programme at a Scottish University

Careers	Law, Philosophy, Politics; International Relations and Journalism, Diplomatic careers, jobs in Arts and Humanities as well as Sciences and Medicine.

Course Format	**Unit 1 - Historical Study (8) – South Africa: 1910-1984** **Unit 2 – Historical Research Related to Topic Studied in Unit 1**

Course Details

A fascinating exploration of South Africa's complex history. This course focuses on the emergence and development of the apartheid regime in South Africa. With in-depth studies about issues of race and class conflict in a rapidly industrialising society and of international pressures on that society. Key themes discussed will be ideology, authority, rights and resistance as well as the role played by US and UK governments. Pupils will learn about the significant individuals who played vital roles in this tragic story of South Africa's past. From oppressors to resistors, like PW Botha, Nelson Mandela, Ghandi and Steve Biko, this course will help develop empathetic skills within pupils.
Pupils will develop their skills in analysis, drawing conclusions and evaluating the reliability of sources. Pupils are given membership of Edinburgh University Library and are expected to make use of this facility to produce a comprehensive dissertation on a related topic of their choice.

Component 1: **Question paper 90 marks**
Candidates will be prepared for this by teacher led tutorials, class work and independent study.
Part A: Historical Issues will have 50 marks. This section will allow for detailed examination of the main issues and will be assessed by essay questions requiring the learner to draw on the knowledge, understanding, and skills acquired during the course. Learners will answer two 25-mark questions from a choice of five.

Part B: Historical Sources will have 40 marks. This Section will be made up of extended response questions requiring the learner to draw on the knowledge and understanding and skills acquired during the Course and apply these to unseen historical sources. Candidates who have previously studied National 5 and particularly Higher History will find that their sources skills will have provided them with a good foundation for this aspect of the course.

Component 2: **Dissertation 50 marks**- Candidates will be given guidance on how to research and complete a detailed dissertation on an issue of their choosing. The completed dissertation will be submitted to the SQA for marking.

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Department **MATHEMATICS**

Course Mathematics

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Mathematics A or B

Progression Route	This course offers an introduction to a broad range of mathematical techniques, meeting the needs of those pursuing a wide variety of post school studies and careers. The course is suitable for all who wish to follow a degree course in Mathematics, Physics, Chemistry, Engineering or Computing.

Course Format	• Methods in Algebra and Calculus • Applications in Algebra and Calculus • Geometry, Proof and Systems of Equations Preparation for course assessment

Course Details

Methods in Algebra and Calculus (AH) Applying algebraic skills to partial fractions; applying calculus skills through techniques of differentiation; applying calculus skills through techniques of integration; applying calculus skills to solving differential equations.

Applications in Algebra and Calculus (AH) Applying algebraic skills to the binomial theorem and to complex numbers; applying algebraic skills to sequences and series; applying algebraic skills to summation and mathematical proof; applying algebraic and calculus skills to properties of functions; applying algebraic and calculus skills to motion and optimisation.

Geometry, Proof and Systems of Equations (AH) Applying algebraic skills to matrices and systems of equations; applying algebraic and geometric skills to vectors; applying geometric skills to complex numbers; applying algebraic skills to number theory; applying algebraic and geometric skills to methods of proof.

Course Assessment: There is an external SQA exam which is graded. The exam assesses
- mathematical reasoning skills to think logically, provide justification and solve problems
- reasoning skills to interpret information and to use complex mathematical models
- explaining and justifying concepts through rigorous proof

There are two question papers requiring candidates to apply knowledge and skills acquired across the course to unseen situations. One of the papers is non-calculator.

Homework: At least 5 hours per week. This will be a mixture of
- textbook exercises and review of notes taken in class to consolidate new learning
- formal hand-in homework exercises with feedback from the teacher

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Department **MATHEMATICS**

Course Mathematics of Mechanics

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Mathematics A or B

Progression Route	This course offers a depth of mathematical experience that is relevant to further study or employment in Mathematics & Applied Mathematics, Physics, Engineering, Design and Architecture.

Course Format	• Linear and Parabolic Motion • Force, Energy and Periodic Motion • Mathematical Techniques for Mechanics

Course Details

Linear and Parabolic Motion (AH)
Applying skills to
- motion in a straight line
- vectors associated with motion
- projectiles moving in a vertical plane
- forces associated with dynamics and equilibrium

Force, Energy and Periodic Motion (AH)
Applying skills to
- principles of momentum, impulse, work, power and energy
- motion in a horizontal circle with uniform angular velocity
- simple harmonic motion
- centres of mass

Mathematical Techniques for Mechanics (AH)
- applying algebraic skills to expansion of expressions and to partial fractions
- applying calculus skills to differentiation of functions
- applying calculus skills through techniques of integration
- applying calculus skills to solving differential equations

Course Assessment: This is graded and is an external SQA exam consisting of one question paper.
Homework: At least 5 hours per week.

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Department **MATHEMATICS**

Course Mathematics – Statistics

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Mathematics A or B

Progression Route	This course offers a depth of mathematical experience that is relevant to further study or employment in: • Mathematical & Physical Sciences • Computer Science • Medicine & Biological Sciences • Accounting, Economics, Business & Management • Social Sciences

Course Format	• Data Analysis and Modelling • Statistical Inference • Hypothesis Testing

Course Details

Data Analysis and Modelling (AH) Applying skills to:
- data collection, presentation and interpretation
- probability theory
- discrete random variables
- particular probability distributions

Statistical Inference (AH)
- applying skills to sampling and central limit theory, intervals and estimation and bi-variate analysis.
- carry out a statistical investigation by collecting and analysing relevant information and communicating the conclusion.

Hypothesis Testing (AH)
- applying skills to parametric tests, non-parametric tests and bi-variate tests.
- carry out a statistical test by posing the hypothesis, collecting & analysing data and communicating the conclusion.

Course Assessment: There is an external SQA exam which is graded. There are two question papers requiring candidates to apply knowledge and skills acquired across the course to unseen situations.

Homework: At least 5 hours per week.

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Department **MODERN LANGUAGES**

Course French/German/Spanish

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Level A or B

Progression Route	Modern Language at University. This can be combined with a wide range of other subjects and offer the chance to study abroad. Careers include - Interpreting, Translating, Travel and tourism, Engineering, Scientific research, Games manufacturing/design/testing, (and last but not least!) Teaching

Course Format - Mandatory Units	Understanding Language (Reading & Listening) Using Language (Speaking and Writing) Portfolio Speaking, Reading, Translation, Listening, Discursive Writing

Course Details

Advanced Higher is aimed at a broader range of pupils, than just those who want to study languages in Higher Education. There is much value in an award at Advanced Higher, as an extra skill to bring to a wide range of degree. The aims are to develop what was learnt for Higher, in terms of fluency, accuracy and sophistication. The expression of opinions and exchanging of ideas stressed at Higher will be taken forward to more complex cultural topics. As we begin to consider current affairs from the viewpoint of those living in the country of the target language, there will be a greater opportunity to compare and contrast these issues with our experience in Britain.

Society – Personal Relationships
Lifestyles
Media
Globalisation
The environment
Citizenship

Learning – Learning in context
Education

Employability – Jobs
Work and CVs

Culture – Planning a Trip
Other Cultures
Traditions, Customs and Beliefs
Film and Media
Literature of Another Country

The final exam is made up of a Speaking assessment, carried out by a visiting assessor and worth **25%** of the final grade, a Portfolio (**15%**) and two exam papers:
Paper 1: Reading (25%) and Translation (10%)
Paper 2: Listening (15%) and Discursive Writing (20%)

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Department **MODERN STUDIES**

Course Modern Studies

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher A or B in Social Subject and English, alongside teacher recommendation if necessary

Progression Route	The Advanced Higher course has been designed to prepare pupils for the working patterns and demands of higher education at Scottish or English universities **Careers:** Modern Studies provides a useful qualification for a wide range of careers e.g. journalism, law, politics, civil service, television, police and social work, and the health service

Course Format	**Unit 1:** Contemporary Issues **Unit 2:** Practical Research & Project Dissertation

Course Details

The Advanced Higher course builds on work covered at Higher. Candidates are required to study the topics 'Contemporary Issues' and 'Researching Contemporary Issues' within the United Kingdom and the USA while adopting an international comparative approach; develop skills of evaluation, analysis and synthesis of evidence on contemporary issues; and critically evaluate a range of social science research methods

Progression of Learning. Pupils gaining an 'A' or 'B' pass in Modern Studies and/or any other Social Subject and/or English could be considered for entry.

Methods of Learning: Pupils will use a wide variety of resources – PowerPoint, textbooks, DVDs and the Internet, visiting speakers, use of Edinburgh University Library and outside visits where appropriate. Pupils will be expected to undertake course reading at home, with time in class used to discuss it in a seminar–style setting. In addition, candidates are expected to be able to undertake parts of the course with minimal supervision.

Form of Assessment: Internal Assessment: a number of Assessment Outcomes need to be successfully completed before the course award can be made. External assessment: one exam paper and a project (dissertation) must be completed. The external exam paper consists of 90 marks, 60 marks being allocated to questions on comparative politics and 30 marks allocated to research methods. The project (dissertation) is worth 50 marks and should not exceed 5000 words. Total marks: 140.

Homework: will involve:

1. Research for project (dissertation) and course content
2. Exercises based on suitable SQA assessments
3. Background reading from appropriate political journals and current affairs
4. Assignments issued during class

In addition, the Advanced Higher course has been designed to specifically cater for pupils who intend to embark upon a social science course within higher education at either Scottish or English universities.

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Department **MUSIC**

Course Music

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher Music grade A or by negotiation with Curriculum Leader

Progression Route	College/University/Employment **Careers:** Performer, composer, journalist, primary and secondary teaching, sound engineer, media and TV, radio, film industry, music therapy, computer game design, graduate training schemes, music theatre

Course Format	**Unit 1:** Performing **Unit 2:** Understanding **Unit 3:** Composition and Analysis

Course Details

This course is designed with three groups of pupils in mind. The first is the music lover who wishes to study music for pleasure, the second is the pupil who wishes to gain the qualification for entrance into a non-music course. The final pupil is the young person who wishes to continue studying music in further education.

The Course consists of a Performance exam worth 50% and a Written Paper worth 35% and an assignment* worth 15%. You will study performance on two instruments, both worth 30% each of the overall mark. You can play any style of music as long as it is of an appropriate standard (grade 5 or equivalent). The overall performance time on both instruments should amount to 18 minutes with a minimum of 6 minutes on one instrument.

The Written paper tests musical knowledge and understanding from The Renaissance through to the present day, anything from electronic dance music to opera!

Also, as part of the course you will compose a piece of music and analyse the key features of a piece of music of your choice

*could be subject to change

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Department **PHYSICAL EDUCATION**

Course Physical Education

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Higher A/B pass. Higher English (essential) – A/B Pass. Pupils who are performing/playing sport at a high level

Progression Route	Higher National Diplomas (HNDs) in areas such as sports science, sports coaching, or health and fitness. Degrees in areas such as physical education, physical activity and health, sport and exercise science, health promotion, or sports psychology. Further study, employment and/or training related to personal training or health promotion **Careers:** Sports Administration, Sports Medicine, Sports Science, Sports Coaching, Sports development and Physical Education Teaching. Advanced higher PE will also develop critical thinking, research and writing skills that are essential for ALL college and university courses. Advanced Higher PE is equal to all other Advanced Highers.

Course Format	**Assessment 1:** 5000 Word Project **Assessment 2:** Performance Assessment (1 Activity)

Course Details

The purpose of this course is to investigate factors which underpin and impact on performance. Learners will build on the knowledge gained in Higher Physical Education and develop their research skills to allow for a more in-depth study into performance.

Assessment 1: Project (70%): The project will allow learners in develop their knowledge of factors impacting on performance and will require them to select an activity and area of performance that requires development. Learners will be given the skills and knowledge to carry out detailed academic research into their chosen topic using journals, the internet and various literature.

The Project will consist of a 5000-word written assignment which will cover the following areas:

- Demonstrating independent research and investigation skills
- Investigating how factors impact on performance
- Understanding and applying approaches to develop performance
- Analysing and evaluating the process of performance development including future needs

Assessment 2: Performance (30%): Learners will be assessed in one activity of their choice in a challenging performance context. Learners should be regularly performing at club/local, district or national level to be successful in this section of the course.

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Department **PHYSICS**

Course Physics

Level Advanced Higher

Entry Requirement S4 → S5	N/A
Entry Requirement S5 → S6	Physics Higher Grade A or B **plus** Pass at Higher Maths in S5 **or** studying Higher Maths in S6

Progression Route	Pupils may find this subject useful if going on to study science or engineering subjects at College or University and may be eligible for advanced entry into Year 2 of a degree programme

Course Format	The Advanced Higher Physics course contains 2.5 taught units as well as a supplementary section which can be applied throughout the course. Students will also be required to complete a large-scale project which is marked externally. **Unit 1: Rotational Motion and Astrophysics** Topics covered are: kinematic relationships, angular motion, rotational dynamics, gravitation, general relativity, stellar physics **Unit 2: Quanta and Waves** Topics covered are: introduction to quantum mechanics, particles from space, simple harmonic motion, waves, interference, polarisation **Unit 3: Electromagnetism** Topics covered are: fields, circuits, electromagnetic radiation **Units, prefixes and uncertainties:** Topics covered are: units, prefixes and scientific notation, uncertainties, data analysis, evaluation and significance of experimental uncertainties **Project:** Long term investigation into an aspect/aspects of Physics, usually combining 3 thorough experimental procedures and their review

Course Details

This course is designed to provide you with a deeper understanding of the nature of Physics and its applications. It builds on the skills, attitudes and abilities that pupils have developed at Higher level and provides a challenging experience for those who wish to study the subject in greater depth. The study of Advanced Higher Physics encourages an interest in current developments and applications of physics.

Units 1, 2 and 3 are subdivided into smaller sub sections. Assessment at the end of each sub section which will involve key area questions along with course level questions.

Pupils will also complete a Project consisting of an extended period of practical work and analysis. It is essential that pupils engage with this and commit time in school to carrying out practical work as well as time at home to write up their work as it progresses.

Homework: Pupils are expected to review their notes and do any required additional reading and preparation as this is viewed as essential consolidation of coursework. Summary notes and tutorial questions are also made available to help consolidate learning beyond the classroom.

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Department **RELIGIOUS, MORAL AND PHILOSOPHICAL STUDIES**

Course Religious, Moral and Philosophical Studies

Level Advanced Higher

Entry Requirement S4 → S5	English or a Social subject at National 5 level A **or** Interview with Curriculum Leader
Entry Requirement S5 → S6	English or a Social subject at National 5 level A/Higher or equivalent **or** Interview with Curriculum Leader

Progression Route	Pupils with either an A or B pass at Advanced Higher RMPS may wish to progress To Higher Philosophy **Careers:** Journalism, teaching, nursing, medicine, law, social work, archaeology, psychology

Course Format	**Unit 1:** Philosophy of Religion **Unit 2:** Medical Ethics or Religious Experience

Course Details

Two units plus Dissertation
The course explores how religion, morality and philosophy are the core of human history and culture. You will develop an understanding of the significance and continuing impact of these subjects on the world today. You will apply skills knowledge and understanding to a range of religious, moral, and philosophical questions, and learn to critically evaluate how these questions affect people's lives and values. We will explore your understanding if different viewpoints and beliefs and look at a variety of viewpoints. We will also explore the challenges to these viewpoints. The course aims to deepen your understanding of significant ethical, theological, and philosophical themes and of societies religious and social diversity.

Philosophy of Religion: Compulsory unit – in this unit you will develop skills to critically evaluate a range of issues arising from the philosophy of religion, including the cosmological argument, the Kalam argument, the teleological argument, the intelligent design argument, and atheism and the improbability of God argument and the incoherence of the God of classical theism.

Medical Ethics: optional unit – Develop skills to critically evaluate a range of issues involving medical ethics, including treatment and use of embryos, abortion, organ procurement and allocation, end-of-life care and assisted dying. We will develop in-depth knowledge and understanding of the issues, and of religious and other responses to them including the philosophical reasoning behind these responses.

Religious Experience: optional unit – in this unit you will develop skills to critically evaluate a range of issues concerning religious experience, including James', Otto's and Swinburne's ideas about religious experience, faith perspectives on mystical experiences, miracles, and conversion, as well as psychological, sociological, and scientific accounts of religious experience.

Dissertation: For the dissertation you must choose a Religious, Moral or Philosophical issue to research, it should allow you to examine a wide range of views. This is mainly self-directed with guidance from the teacher. You will carry out an in-depth study of the different viewpoints and present a carefully structured conclusion. Worth 50 marks – 35% of the total mark, it has an emphasis on the application of skills: and will be between 3,000 and 4,000 words. It is skills focused and will allow you to demonstrate a wide variety of skills including presenting relevant, in-depth factual knowledge, analyse and evaluate arguments and present supported and coherent conclusions.

Homework: 2 - 3 hours per week.

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Department **SCIENCE**

Course Scottish Science Baccalaureate Interdisciplinary Project

Level CFE Advanced Higher (0.5 of a full AH course)

Entry Requirement S5 → S6 for the Interdisciplinary Project only (please note the Interdisciplinary Project can be awarded as a standalone unit or as part of the Scottish Science Baccalaureate) **Higher Requirement**	Any Higher pass in Biology, Chemistry or Physics
Scottish Science Baccalaureate	Any Higher pass in Biology, Chemistry or Physics For the award of an overall Scottish Science Baccalaureate graded as a pass or distinction you must be taking a selection of Higher and Advanced Higher courses to qualify. Every pupil will be credited with the IP on their final certificate but some will be credited with the Scottish Science Baccalaureate.

Course Format

Part 1: Progress log (ongoing) and Project Proposal
Part 2: Project Plan
Part 3: Presentation of project findings
Part 4: Evaluation of project
Part 5: Self-evaluation of generic/cognitive skills development

Course Details

The interdisciplinary project:

The project is given a suggested time of 80 hours (this means you should expect up to 160 hours). It must be based on a science investigation or practical assignment, will explore and bring out the relevance of either science in one or more of the following broad contexts:

- ♦ employability
- ♦ enterprise
- ♦ citizenship
- ♦ sustainable development
- ♦ economic development

Must take science and put it into its context and relevance. It will develop the generic core skills sought by employers and universities. Will involve learning environments and experiences outside of school and link to other subjects. You can build on your Advanced Higher work - but is not just an extension of the AH project. It can be completed as part of a group – however, you are assessed as an individual on your own work. **Please note this course will have one period of staff contact per week to oversee the project**.

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Course descriptors and Entry requirements for School College Partnership Courses 2022-23

Transport - pupils will be provided with bus tokens to get to college but should make their own return journey

An application form for these courses which run in the travel column must be made online.

http://www.edinburghcollege.ac.uk/courses/schools

Please let your Guidance teacher know which course you are intending to apply for.

Course Title	SCQF Level	Qualification	Course Outline	What will I study	Entry Requirements	Progression	Attendance	Duration	Location	Essential Information
Foundation Apprenticeship Creative & Digital Media with Graphic Design (Currently under review to run in 2022)	6	Foundation Apprenticeship	S5 PUPILS ONLY Suitable for pupils going into S5 who are capable of learning at SCQF Level 6 and interested in a career in Graphic Design.	Year 1 - NPA in Creative and Digital Media: Technologies, Processes and Practices Year 2 - 4x Units from Diploma in Creative Digital Media	Achieved or working towards National 5 Maths and National 5 English	Successful completion will provide direct access to any full time Edinburgh College NC, or HND courses in Art & Design, Visual Communication: Graphic Design/Illustration/User Experience Design and to the University of Arts London (UAL) Diploma. • Progress to University - FA is recognised as partial entry criteria for degrees in media related subjects • Gain accelerated entry onto a Modern Apprenticeship in the Creative and Media sectors • Progress onto a Graduate Apprenticeship • Progress to College - Direct access to NC UAL or HND Art & Design courses in Art DesignVisual Communication: Graphic Design/Illustration/User Experience Design • Progress to University - FA is recognised as partial entry criteria for degrees in media related subjects	Tuesday and Thursday afternoons	2 years	Granton Campus	In Year 1 pupils will complete a National Progression Award in Creative and Digital Media (SCQF level 6) at College attending 2 afternoons per week. In year 2 pupils will spend around 10 hours per week (Tuesday and Thursday afternoons, some Friday afternoon attendance might be required) attending college and undertaking an extended workplacement with an employer to complete four units of the Diploma in Creative and Digital Media (SCQF level 7) and a media project.

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Digital Media Editing NPA	5	National Progression Award	SENIOR PHASE PUPILS This course will allow pupils to develop technical skills in the creation and editing of digital media but also recognise the importance of planning and design. Pupils will also have the opportunity to follow a development lifecycle from planning through to design and then on to creation and editing. It will also enable pupils to experience a contemporary technological subject and gain skills that can be used in future employment.	• Digital Media Editing Practice • Digital Media: Audio Editing • Digital Media: Video Editing • Digital Media: Still Images Editing	Selection Process applies: Applicants must submit a portfolio of practical artwork that demonstrates creative potential and mandatory attendance at college induction/transition activity.	FA Creative & Digital Media FA Creative & Digital Media with Graphic Design NC Audio Media FT	Tuesday and Thursday afternoons	1 Year	Sighthill Campus	
Film & Media NPA	6	National Progression Award	S5 & 6 PUPILS The NPA in Film and Media will give pupils an insight into working in areas such as film, TV and the visual arts. The course is made up of a mixture of practical and theoretical units building from initial ideas to working on productions. Pupils will explore creative, explore job roles in the media industry and meet and work with other like-minded young people.	• Media: An Introduction to the Media Industry • Technical Skills for Media • Content Development for Media • Film and the Film Industry: An Introduction • Film and Media • Storytelling for the Creative Industries • Creative Project	Interest in digital video and media industry. A short written task will be required in support of application	HNC Media and Communications HNC in Creative Industries	Tuesday and Thursday afternoons	1 Year	Milton Road Campus	

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Foundation Apprenticeship Creative & Digital Media (Currently under review to run in 2022)	6	Foundation Apprenticeship	S5 PUPILS ONLY Suitable for pupils going into S5 who are capable of learning at SCQF Level 6 and interested in a career in the Creative Industries, particularly in Television, Film Industry , Media and Audio Visual	Year 1 - NPA in Creative and Digital Media: Technologies, Processes and Practices Year 2 - 4x Units from Diploma in Creative Digital Media & Media Project	Achieved or working towards National 5 Maths and National 5 English	• Gain direct employment at entry level in the Creative Industries • Gain accelerated entry onto a Modern Apprenticeship in the Creative and Media sectors • Progress onto a Graduate Apprenticeship • Progress to College - Direct access to a variety of HNC/D courses in Media, Television and Radio • Progress to University - FA is recognised as partial entry criteria for degrees in media related subjects	Tuesday and Thursday afternoons	2 years	Sighthill Campus	In Year 1 pupils will complete a National Progression Award in Creative and Digital Media (SCQF level 6) at College attending 2 afternoons per week. In year 2 pupils will spend around 10 hours per week (Tuesday and Thursday afternoons, some Friday afternoon attendance might be required) attending college and undertaking an extended workplacement with an employer to complete four units of the Diploma in Creative and Digital Media (SCQF level 7) and a media project.

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Modern Musicianship (Performance & Production) NPA Live Performance	6	National Progression Award	S5 & S6 PUPILS Project-based based course involving working in a band or small group to plan, arrange, rehearse, record and perform a programme of music in a chosen style. In addition to learning how to re-arrange existing material learners will collaboratively write and arrange an original song which will also be recorded and performed. This will involve working in rehearsal rooms, DAW suites, auditorium and studio settings with a completely practical focus.	National Progression Award along with Edinburgh College accredited units in Song Writing, Studio Recording and Digital Audio Workstation Skills	Applicants should be studying at Nat 5 or Higher level and must submit a short recording of themselves playing a piece on an instrument or singing (in any style). They may subsequently be contacted by a member of the curriculum team to follow up, if required. Due to the performance nature of the course some insturmental skill is required to the level of being able to participate in band/group rehearsal.	NC/HND Music, Sound Production, Music Business	Tuesday and Thursday afternoons	1 year	Sighthill Campus	

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Sound Production Music Business NPA with Studio Recording NPA *(Two level 6 NPA Qualifications)*	6	National Progression Award	S5 & S6 PUPILS This course will provide an introduction to working in the areas of music business and sound production. Due to the closely linked nature of these two subjects and their ongoing economic growth in the creative industries, the course provides an excellent opportunity to gain a grounding in this area of employment by taking part in projects involving the creation and marketing of musical products. pupils will learn both creative and technical processes in sound production including composition, MIDI sequencing, editing, arranging and mixing. In addition to this pupils will learn about a range of job roles and organisations in the music industry, methods for promotion and distribution, branding and marketing. The course is taught by industry experienced lecturers in sector leading facilities. These include 5 SSL studios and 4 TOFT studios, over 10 fully equipped rehearsal rooms and a 100+ seat auditorium.	NPA Music Business L6 and NPA Sound Production: Recording L6 (2 NPA qualifications) Units • Creative Project • Sound: Understanding the Signal Path • Sound Engineering and Production • Music: Promotion in Music Industry • Music: An Introduction to the UK Music Industry Achieving the 5 units results in gaining both NPA qualifications	Applicants should be studying at Higher level and have good writing skills. Applicants will be required to a complete short written task in support of their application.	HND Sound Production HND Music Business HND Music	Tuesday and Thursday afternoons	1 Year	Milton Road Campus	

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Acting & Performance NPA with Professional Theatre Preparation NPA *(Two level 6 NPA Qualifications)*	6	National Progression Award	S5 & 6 PUPILS This course gives pupils the opportunity to study at college and gain a qualification and a range of experience in Acting and Performance and Theatre Preparation. The aim is to help pupils make an informed choice for future options after school regarding the Performing Arts. The course provides the opportunity to achieve two National Progression Awards (at SQCF Level 6)	• Preparation for Audition • Drama: Acting Skills • Professional Theatre in Context • Drama: Theatre Skills in Performance • Acting and Performance • Professional Theatre Preparation	Ideally, pupils will be studying towards Higher English and will have achieved a pass (grade C or above) in National 5 English. Applicants will be required to participate in a selection process for a place on this course	Full time college courses in a wide variety of film or acting related HN qualifications	Tuesday and Thursday afternoons	1 Year	Milton Road Campus	PASS Hoodies and T-shirts can be bought from our online webshop. Further details from course lecturer.

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Costume NPA	5	National Progression Award	S5 & S6 PUPILS This course will introduce pupils to techniques that are important in the costume design sector. It develops practical, technical and transferable skills and gives the opportunity to build skills and portfolios for progression to next level courses.	• Introduction to cutting, Sewing and Surface Decoration • Introduction to Garment Pattern Construction • Introduction to Sewing Machine Skills	Interest in theatre/costume making. Applicants will require a portfolio and will be invited to attend an interview which will have a practical element	Possible access to HND Costume for Stage and Screen Costume Theatre Design course at level 7 QMU articulation	Tuesday and Thursday afternoons	1 Year	Granton	A kit cost of £15.00 per pupil will be required to be met by school

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Dance NPA	4&5	National Progression Award	SENIOR PHASE PUPILS This is an introductory qualification in Dance in which pupils will explore choreography and gain an appreciation of dance skills and techniques. It allows pupils to develop knowledge, understanding and skills in choreography and different styles of dance.	• Dance: Contemporary • Dance: Choreography • Dance: Jazz	Applicants must have an interests in dance and will be invited to attend for interview and participate in a dance class	SCP NPA Dance level 5 or Full time course at Edinburgh College : NC Level 6 Dance PASS Dance	Tuesday and Thursday afternoons	1 Year	Granton	PASS Hoodies and T-shirts can be bought from our online webshop. Further details from course lecturer.
Make-up Skills NPA	5	National Progression Award	S5 & S6 PUPILS This course will provide candidates with skills in the key aspects of make-up with a focus on specific make-up styles.	• Bridal and Evening Make-up • Special Effects • Contemporary Make-up • Day make-up and Basic Corective Make-up • Contouring and Make-up Techniques	Artistic flair and interest in make-up artistry within film, TV and Theatre context and fashion make-up career pathways. Applicants will be required to participate in a selection process	Possible access to HND Make-up Artistry	Tuesday and Thursday afternoons	1 Year	Granton	A kit cost of £35.00 per pupils will be required to be met by school.

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NPA Technical Theatre	6	National Progression Award	S5 & S6 PUPILS This course will introduce pupils to techniques that are important in Technical theatre. It develops practical, technical and transferable skills and gives the opportunity to build skills for progression to next level courses.	• Technical Theatre in context • Theatre Stage lighting operations • Theatrical design	Interest in theatre production. Applicants will require a portfolio and will be requested to attend an interview which will have a practical element. The NPA Tech Theatre will be delivered as part of the NPA Production & Arts full time course and has been timetabled to align with SCP delivery.	Possible access to Technical Theatre level 7	Thursday afternoons	1 Year	Granton	PASS Hoodies and T-shirts can be bought from our online webshop. Further details from course lecturer.
Photography Higher	6	Higher	S5 & 6 PUPILS This course includes the technical and creative aspects of photography. The course comprises a series of units covering basic camera controls and use of research skills and digital imaging. These skills are then combined in the thematic course project	• Research Skills • Digital Imaging • Portfolio Production	National 5 Photography or three National 5 qualifications	Foundation Photography	Tuesday and Thursday afternoons	1 Year	Sighthill Campus	ASSESSMENT ARRANGEMENTS Although enrolled at Edinburgh College, pupils sitting SQA exams will be required to sit at school.

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NPA Photography	5	NPA	THIS COURSE IS FOR SENIOR PHASE PUPILS WHO ARE STILL AT SCHOOL This course will develop knowledge and understanding in practical photography. The Awards are aimed at those who want to explore their interest in photography and perhaps take it to a more advanced level.	• Understanding Photography • Photographing People • Photographing Places	Minimum 3 passes at SCQF Level 4	Foundation Photography	Tuesday and Thursday afternoons	1	Sighthill	ASSESSMENT ARRANGEMENTS Although enrolled at Edinburgh College, pupils sitting SQA exams will be required to sit at school.Pupils sitting SQA exams will be required to sit at school.
Design Engineer Construct (DEC) TQUK Level 1 Certificate 16 PLACES	5	The Digital Built Environment (RQF) Qualification Number: 603/1991/4	S4 PUPILS Design Engineer Construct (DEC) is an accredited learning programme supported by industry leaders & professional bodies which has been developed to create and inspire the next generation of Built Environment professionals. Through a project-based approach DEC applies academic subject to the latest construction industry practices. The programme is supported by industry leaders. ONline Delivery streaming into classrooms along with workplace visits.	• Defining a Sustainable Construction Project • Roles in Construction Project Teams • Producing a Technical Design and Sharing Information • Planning Permission, Costing and Presenting a Sustainable Building Project • Design a small, community focused 'Eco Classroom' - a highly sustainable and inclusive building that offers flexible use for diverse groups - with a brief to teach local communities about everyday environmentally friendly living.	Two National 4s from English, Maths, Science	On successful completion of this programme, pupils can apply for Level 2 DEC (SCP); Foundation Apprenticeship in Civil Engineering or progress to full time NC Built Environment (subject to entry requirements)	Tuesday and Thursday afternoons	1 Year	Granton Campus	This course will be a blended learning model with majority on line delivery and specialist classes on campus.

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Design Engineer Construct (DEC) TQUK Level 2 Certificate 16 PLACES	6	The Digital Built Environment (RQF) Qualification Number: 603/1992/6	S5 PUPILS Design Engineer Construct (DEC) is an accredited learning programme supported by industry leaders & professional bodies which has been developed to create and inspire the next generation of Built Environment professionals. Through a project-based approach DEC applies academic subject to the latest construction industry practices. The programme is supported by industry leaders.	• Defining a Sustainable Construction Project • Developing a Sustainable Construction Project • Delivering a Sustainable Construction Project • Evaluate a Sustainable Construction Project • Develop, design, deliver and evaluate a fit for purpose, functional building. Their building should be highly sustainable and inclusive to be used by the local community.	Design Engineer Construct level 1 and 2 National 5s from English, Maths, Science,	On successful completion of this programme pupils can apply for Level 3 DEC or HND Architectural Technology year 1, HND Civil Engineering year 1, provided the qualification is supported by a Maths grade A-C higher qualification.	Tuesday and Thursday afternoons	1 Year	Granton Campus	This course will be a blended learning model with majority on line delivery and specialist classes on campus.
Electrical Skills - SQA Unit	4	SQA Units	SENIOR PHASE PUPILS This course provides the perfect platform for pupils who are interested in becomingan electrician to develop the essential skills and knowledge. pupils will learn hand skills, electrical theory and wiring techniques which are based around a domestic setting.	• Fundamental Electrical Principles • Basic Electrical Installation Systems and Protection • Basic Electrical Installation Skills • Construction Crafts: Employability Skills • Engineering Skills: Electrical/Electronic	Studying towards two National 4s from English, Maths, Science	NPA 5 Electrical Pre-apprentice Electrical Installation	Tuesday and Thursday afternoons	1 Year	Granton Campus	Personal Protective Equipment (PPE) is mandatory to participate in this course. The PPE cost of £20.00 must be met by school.

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Construction NPA	4	National Progression Award	S4/5 PUPILS This course provides the opportunity to try a variety of trade disciplines including: Half Brick Walling, Decorative Painting, Site Carpentry and Bench Joinery Plumbing The main focus on developing good hand tool skills and employability skills. There may also be opportunities for work placements and visits to building sites.	• Construction Craft and Technician • Personal Development: Self and Work • Understanding Industry • Construction Operatives: An Introduction • Painting and Decorating: An Introduction • Brickwork: An Introduction • Carpentry and Bench Joinery: An Introduction • Plasterwork: An Introduction • Roof Tiling: An Introduction • Stonemasonry (Basic Principles): An Introduction	Pupils will be requried to attend a group discussion or participate in a selection process.	Pupils who successfully complete this course will have the opportunity to progress into any Level 5 NPA courses in Construction Employment as an Apprentice.	Tuesday and Thursday afternoons	1 Year	Granton Campus	Personal Protective Equipment (PPE) is mandatory to participate in this course. The PPE cost of £45.00 must be met by school.
Institute of the Motor Industry (IMI) Introduction to Motor Vehicle Industry : Paint & Body Repairs	4	Institute of the Motor Industry (IMI)	SENIOR PHASE PUPILS This course offers a practical approach to learning . Subjects include workshop health & safety, car body panel fitting, bodywork repair, panel masking and paint application. This qualification also includes Personal and Social Development (PSD) units such as team working and industry associated skills, which support learners in their preparation for further study or work life.	• Health & Safety in the Body & Paint Environment • Vehicle Body Panel Fitting • Vehicle Dent Repair • Painting Techniques • Body and Paint Repair	Pupils will be required to participate in a selection process	On successful completion of this programme, pupils can apply for IMI Level 1 Certificate in Transport Maintenance . The skills and knowledge gained in the SCP programme may also support application to National 5 Engineering Skills.	Tuesday and Thursday afternoons	1 Year	Sighthill /Midlothian Campus	Personal Protective Equipment (PPE) is mandatory to participate in this course. The PPE cost of £20.00 must be met by school.

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Institute of the Motor Industry (IMI) Introduction to Motor Vehicle Industry and Technologies - Automotive: Light Vehicle with EV Technology	4	Institute of the Motor Industry (IMI) with additional EC Unit: EV Technology	SENIOR PHASE PUPILS This course offers a practical approach to learning . Subjects include workshop health & safety, car body panel fitting, car service and safety inspections, brake pads and disc fitting, making a hand tool and car washing and valeting. This qualification also includes Personal and Social Development (PSD) units such as vehicle manufacture and environment awareness, which support preparation for further study or work life.	• Health & Safety in the Workshop Environment • Braking Systems • Vehicle Inspection • Vehicle Component Fitting •Electric Vehicle Technology • Car Valeting • Environmental Awareness	Pupils will be required to participate in a selection process	On successful completion of this programme pupils can apply for IMI Level 1 Certificate in Transport Maintenance . The skills and knowledge gained in the SCP programme may also support application to National 5 Engineering Skills.	Tuesday and Thursday afternoons	1 Year	Midlothian Campus/ Sighthill Campus	Personal Protective Equipment (PPE) is mandatory to participate in this course. The PPE cost of £20.00 must be met by school.
Skills for Work Engineering Skills National 5	5	Skills for Work National 5	SENIOR PHASE PUPILS This course will provide the broad practical skills base needed in engineering manufacture systems and processes. Pupils will develop the skills and knowledge necessary for basic engineering processes and maintenance working on a range of engineering systems including fitting using hand skills, fabrication engineering, manufacturing project design and electrical and electronic engineering. Pupils will also gain an insight into other engineering occupations such as mechanical, automotive, electrical and electronic.	• Mechanical and Fabrication Practical Skills • Electrical and Electronic Practical Skills • Repair and Maintenance Skills • Design and Manufacture Skills • Skills and Attitudes for Employability plus An Understanding of the Workplace • Engineering Materials • Fitting Using Hand Skills • Employability and Essential Core Skills	Working towards National 5 Maths and Communications Applicants will be expected to attend a course information event	Full time courses in engineering related disciplines	Tuesday and Thursday afternoons	1 year	Midlothian Campus	Personal Protective Equipment (PPE) is manditory to particatie in this course. The cost of £20.00 must be met by school.

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Access to FA Engineering - SQA Units	5	Edinburgh College accredited units	S4 PUPILS This course will provide the essential skills required for entry into the Engineering FA in S5. Pupils will develop the skills and knowledge necessary for mechanical and electrical engineering principles and will experience practical working on a range of engineering systems, including fitting, using hand skills, fabrication engineering, manufacturing project design and electrical and electronic engineering. Pupils will gain an insight into other engineering disciplines and will be supported with SI units and 'elements of engineering'.	• Derived Units and Measurement • Practical Fitting Hand Skills •Manufacture and Assembly Skills • Elements of Engineering SI units • NC 5 Mechanical Engineering Principles • NC 5 Electrical Engineering Principles	Working towards National 5 Maths and Communications Working towards National 5 Physics or Science related topic	Foundation Apprenticeship in Engineering Full time courses in engineering related disciplines	Tuesday and Thursday afternoons	1 year	Midlothian Campus	Personal Protective Equipment (PPE) is mandatory to participate in this course. The PPE cost of £20.00 must be met by school.
Foundation Apprenticeship in Engineering (Currently under review to run in 2022)	6	Foundation Apprenticeship	S5 PUPILS ONLY Suitable for pupils going into S5 with strong mathematical ability who are capable of learning at SCQF Level 6 and interested in a career in Engineering. The course covers mechanical, electrical, pneumatic and hydraulic systems. The level 5 'Access to FA' course will give the required support and skills if taken in S4.	Year 1 - NC in Engineering Systems Year 2 - 5x Units from SVQ in Performing Engineering Operations	Achieved National 5 Maths & Physics (grade A-C) Studying towards Higher Maths in S5 and preferably Higher Physics as well, although another science related subject would be acceptable	• Gain direct employment at entry level in the engineering sector • Gain accelerated entry into Modern Apprenticeships in various Engineering disciplines • Progress onto a Graduate Apprenticeship in an Engineering discipline • Progress to College - Direct access to HNC/D in Mechanical, Electrical and Engineering Systems • Continue your studies at university, the FA counts as partial entry criteria for degrees in various Engineering disciplines	Tuesday, Thursday and Friday afternoons	2 years	Midlothian Campus	In Year 1 pupils will complete a National Certificate in Engineering Systems (SCQF level 6) at College attending 3 afternoons per week. In year 2 pupils will spend around 12 hours per week at college completing elements of an SVQ2 in Performing Engineering Operations (SCQF level 5) in our industry approved facilities.

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Engineering Academy: Engineering Systems Energy & New Technology	7	HNC over 2 years or HNC units over 1 year	**This course allows you to start your engineering degree whilst you are still at school.** The Academy is a joint project with Edinburgh College and Edinburgh Napier University and provides an opportunity to build knowledge and practical skills alongside academic study. There are multiple exit points from this course for young people who are interested in progression to further study. You can choose from a range of pathways depending on your individual circumstances: • Study HNC at college over 2 years in S5 & S6 • Start the HNC in S6 and progress to College to complete HNC then HND To discuss your options please e-mail Sharon.Pearson@edinburghcollege.ac.uk	•Mathematics •Materials Selection •Principles of Engineering Systems •Engineering Communications •Dynamics in Measurement and Monitoring Systems •Graded Unit 1 •Renewable energy Systems •Applications of PLCs	Applicants should be working towards a minimum of 2 Highers - Maths and a science based subject. Highers must be achieved by the end of 6th year.	• Apply to year 2 of BEng Energy and Environmental Engineering degree course at Edinburgh Napier University on successful completion of HNC at school or College • Gain direct access to year 3 of BEng Energy and Environmental Engineering degree course at Edinburgh Napier University on successful completion of HND at college • Progress to employment or further study	Tuesday, Thursday afternoons	1 or 2 years	Midlothian Campus	Flexible options for S5/S6pupils. For further information please contact sharon.pearson@edinburghcollege.ac.uk
SCP Childhood Practice Level 4 SCP Childhood Practice Level 5	4&5	SQA & Edinburgh College Units	SENIOR PHASE PUPILS The Level 4 and Level 5 courses provide an excellend introduction to further study in this exciting and fast growing Sector. Pupils can study toward level 4 or 5 depending on ability. In addition they will also develop a range of essential meta-skills and study micro-topics linked to working with children and young people.	**Level 4** • Play in Early Learning & Childcare • Child Development • Introduction to Meta-Skills for Childhood Practice SCP **Level 5** Development and Wellbeing of Children and Young People Play in Early Learning and Childcare Developing Meta-Skills for Childhood Practice SCP	There are limited spaces available on these courses. Selection will be based on personal statement and pre-induction activity.	Successful completion of this course and a progression meeting will guarantee progression on to the next level of full-time Childhood Practice course at Edinburgh College.	Tuesday and Thursday afternoons	1 year	Granton & Sighthill Campus	Three units of the level 4 or 5 award will be delivered in class. Completion of these three units will enable progression to full time college courses. A fourth unit is available through planned online learning and will require self study, allowing pupils to achieve the full group award.

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Introduction to Early Years & Primary Teaching - SQA Units	6	SQA Units	S5 & S6 PUPILS This course has been specifically designed to support students to progress to HNC study in Childhood Practice and Primary School teaching. The course will cover the key areas of how children develop and learn, how the adult supports this and theoretical approaches around these areas.	• Child Development • Child Development Theory • Supporting Language, Literacy and Numeracy in an Educational Setting	Applicants must either have achieved or be working towards Higher English and National 5 Maths. Selection will be based on the applicant@s personal statement and pre-indction activity.	Along with specified entry requirements, this course supports progression to HNC Childhood Practice at Edinburgh College.	Tuesday and Thursday afternoons	1 year	Online	This course is comprised with 3 SQA units which will augment CV, college and UCAS applications.
Health & Social Care Academy	5	SQA & Edinburgh College Units	SENIOR PHASE PUPILS This course provides an agile pathway to a career in Health Care Professions. It offers multiple options for progression to full time courses in Healthcare, Social Care, Dental & Pharmacy and supports development of essential digital skills for the Care Sector. The course offers job related practical experience which employers are looking for and provides transferable skills which can be applied across a range of disciplines. Pupils at Sighthill Campus will study in teh Digital Care Hub replica ward setting with an infection prevention & control classroom, transition to home room and Virtual Reality Technology which enables pupils to experience life through the eyes of a dementia patient. Milton Road will have a satellite version of the Care Hub augmented with live streaming from Sighthill Campus.	•Digital Skills for Health & Social Care •Mental Health •Human Body (SQA unit) •Infection Prevention & Control •Safe Beginners for Health & Social Care	Four National 4's (including English) and a genuine interest in working in/studying Health Care or Social Care. Pupils who want to progress onto health courses at SCQF Level 6 must have National 5 Biology.	SFW Health & Social Care (Higher), Modern Apprenticeships in Health or Social Care, progression to full time college courses or employment.	Tuesday and Thursday afternoons	1 year	Sighthill & Milton Road Campus	SQA & Edinburgh College Certificated units which support progression to employment and further study across a range of disciplines

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Skills for Work Health & Social Care (Higher)	6	Skills for Work Higher	S5 & S6 PUPILS This course introduces pupils to the nature of health and social care work. It includes investigating the types of health and social care establishments that are available and the roles of care workers in these settings. Pupils will also be investigating the principles of good care practice and exploring what constitutes day to day care work, for example identifying people's needs and strengths and learning how care workers try to meet those needs through development and implementation of care plans.	• Understanding and Supporting People in Health and Social Care Settings • Care Principles and Practice • Working in Health and Social Care Settings • Health, Safety and Protection Issues in Care Settings • Preparation for Work in Health and Social Care	Health and Social Care National 5 or four National 5's (including English) and a genuine interest in working/studying health and social care. Pupils who want to progress onto full time health courses at SCQF Level 6 must have National 5 Biology. Higher Biology is required for for entry to HNC Healthcare Practice.	If you have the required qualifications then this can lead to Level 6 Route to Health Professions or HNC Care and Administrative Practice or University. N.b. pupils who wish to use this course for entry requirements for a Nursing Degree must also have Higher English and Higher Biology.	Tuesday and Thursday afternoons	1 year	Sighthill	ASSESSMENT ARRANGEMENTS Prelims can be hosted in school alternatively transport arrangements should be made for young people to attend college on agreed date. Pupils sitting SQA exams will be re required to sit at school.
Intro to Social Science	4	SQA & Edinburgh College Units	S4 & S5 PUPILS This course will introduce students to the social sciences. They will learn how to think critically and to understand human behaviour from different perspectives.	Introduction to criminology (EC unit); Introduction to psychology (EC unit); Introduction to Literature (EC unit); Media Analysis (SQA)	National 4 English along with a completed personal statement as part of the application process.	Successful completion of level 4 Intro to Social Science, along with National 5 English will support entry to NC Social Science full time course at Edinburgh College.	Tuesday and Thursday afternoons	1 year	Sighthill	

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Psychology Higher	6	Higher	S6 PUPILS ONLY Studying Psychology will enable pupils to develop an understanding of the study of the human mind and behaviour in a range of contexts and to enhance their ability to use evidence to explain behaviour. The course will develop pupils' understanding of psychology as the scientific study of the mind and behaviour. As Psychology is both an evidence and research-based subject it provides pupils with the opportunity to conduct practical research. This will include working with human participants in accordance with recognised ethical standards.	• Research: Understand the research process and methods used in psychology and develop the skills needed to conduct and evaluate psychological research using numerical skills and psychological terminology • Individual Behaviour: Analyse individual behaviour by investigating various topics and how they can be explained using psychological approaches and theories • Social Behaviour: Examine how interactions with others shape everyday social behaviour. Pupils will investigate psychological explanations for social behaviour and will use research evidence to analyse how the thoughts, feelings and behaviours of individuals are influenced by their social environment	Applicants need to have gained Higher English and another relevant subject at Higher level e.g. History, Modern Studies, Biology This is an extremely demanding, academic course and applicants need to ensure they are able to give the time and commitment required. They need to be able to work independently and juggle the demands of their school and college workload.	HNC Social Science	Tuesday and Thursday afternoons	1 year	Sighthill Campus Blended Learning (1 afternoon in college and 1 afternoon online) & Open Learning Options	ASSESSMENT ARRANGEMENTS Although enrolled at college, pupils sitting SQA exams will be re required to sit at school.

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Introduction to College - EC Units	3-4	Edinburgh College accredited units	SENIOR PHASE PUPILS These courses are for pupils thinking about coming to college after they leave school and who have a barrier to learning or receive learning support at school* The aim is to give pupils a positive transition experience and to assess their suitability for a course at college. A wide range of practical and classroom-based subject areas is covered. This gives pupils a broad experience of the college environment, the topics they would learn about on our full-time courses and a general taste of student life. Courses are taught in a supported nurturing environment. Pupils will work as part of a group and learn new ways of engaging with other people, whilst benefitting from a transition from school to college.	A typical programme will include • Social skills • Teambuilding and group work • Learning and Study techniques • Improving your Digital skills • Environmental issues • Health & Wellbeing • Learning about diversity & international issues • Photography • Topical subjects	No formal qualifications required. Pupils who attend these courses typically come from special education or a mainstream school where they receive some form of support.	On completion pupils are assessed for suitability for progression within ACE or to full time college courses.	Tuesday and Thursday afternoons	18 weeks	Sighthill, Granton, Milton Road & Midlothian Campus	
Introduction to College - EC Units	1-2	Edinburgh College accredited units	*The level 1/2 course is specifically aimed at pupils who attend special education, or receive significant levels of support in a mainstream schools.	A typical programme will include • Social skills • Teambuilding and group work • Learning and Study techniques • Improving your Digital skills • Environmental issues • Health & Wellbeing • Learning about diversity & international issues • Photography • Topical subjects	No formal qualifications required. Pupils who attend these courses typically come from special education or receive signficant levels of support inba mainstream school.	Pupils are assessed for suitability for progression within ACE	Tuesday and Thursday mornings	18 weeks	Milton Road or Sighthill Campus	

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FA Accounting (Currently under review to run in 2022)	6	Foundation Apprenticeship	S5 PUPILS ONLY Suitable for pupils going into S5 who are capable of learning at SCQF Level 6 and interested in a career in the Accountancy sector.	Year 1 - NPA Accountancy Year 2 - AAT Advanced Certificate in Bookkeeping (3x Units from AAT Advanced Diploma in Accounting)	Achieved or working towards National 5 Maths and National 5 English	• Gain direct employment at entry level in the Accountancy/Finance sector • Gain accelerated entry onto a Modern Apprenticeship in Accountancy • Progress onto a Graduate Apprenticeship • Progress to College - direct access to HNC/D in Accountancy • Progress to University - FA is recognised as partial entry criteria for degrees in Accountancy/Finance	Tuesday and Thursday afternoons	2 years	Sighthill Campus	In year 1 pupils will complete a National Progression Award in Accountancy (SCQF level 6) attending college 2 afternoons per week. In year 2 pupils will typically spend around 10 hour per week on an extended placement with an employer completing their qualification in the workplace.
FA Business (Currently under review to run in 2022)	6	Foundation Apprenticeship	S5 PUPILS ONLY Suitable for pupils going into S5 who are capable of learning at SCQF Level 6 and interested in a career in Business and Administration.	Year 1 - NPA Business Year 2 - SQA Business and administration	Achieved or working towards National 5 Maths and National 5 English	• Gain direct employment at entry level in the business sector • Gain accelerated entry onto a Modern Apprenticeship in Business Administration • Progress onto a Graduate Apprenticeship • Progress to College - Direct access to HNC/D in Business subjects • Progress to University - FA is recognised as partial entry criteria for degrees in Business related subjects	Tuesday and Thursday afternoons	2 years	Sighthill Campus	In year 1 pupils will complete a National Progression Award in Business with Information Technology (SCQF level 6) attending college 2 afternoons per week. In year 2 pupils will typically spend around 10 hour per week atending college and on an extended placement with an employer to complete their qualification in the workplace.

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FA Financial Services (Currently under review to run in 2022)	6	Foundation Apprenticeship	S5 PUPILS ONLY Suitable for pupils going into S5 who are capable of learning at SCQF Level 6 and interested in a career in Business and Administration.	Year 1 - NPA in Financial Services Year 2 - 3 Units from SVQ in Providing Financial Services	Achieved or working towards National 5 Maths and National 5 English	• Gain direct employment at entry level in the financial sector • Gain accelerated entry into various Modern Apprenticeships in the financial sector • Progress onto a Graduate/Technical Apprenticeship in a financial discipline • Progress to College - Direct access to HNC/D in related fields • Continue your studies at university, the FA counts as partial entry criteria for degrees in various related disciplines •Employment in the financial services sector. Continue studies at college or university. • Gain accelerated entry onto Modern Apprenticeship	Tuesday and Thursday afternoons	2 years	Sighthill Campus	In year 1 pupils will complete a National Progression Award in Financial Services (SCQF level 6) attending college 2 afternoons per week along with a 1 week work placement. In year 2 pupils will typically spend around 10 hour per week attending college and on an extended placement with an employer to complete their qualification in the workplace.
Uniformed & Emergency Services	4	Skills for Work National 4	S4 PUPILS This course will enable pupis to develop the general, practical skills, knowledge and understanding required for work in uniformed and emergency services. The relevant uniformed services for this course are: Army, Merchant Navy, Royal Navy and Marines. The relevant emergency services are: Ambulance Service, Coastguard, Fire & Rescue and Police. The knowledge and experience acquired will support development of transferable employability skills and will also prepare pupils for further training or employment.	Uniformed and emergency services: an introduction Uniformed and emergency services : Health, Safety, Fitness & Wellbeing Uniformed and emergency services: Engaging with the Community Uniformed and emergency services: Working in Teams	No formal entry requirements but pupils will be required to complete a personal statement as part of the application process and participate in selcetion process.	NPA Criminology level 5 which will be introduced in 2023. further study or employment and/or training.	Tuesday and Thursday afternoons	1 year	Sighthill Campus	

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NPA legal Services with Police Studies	6	National Progression Award	S4 PUPILS This course will provide pupils with an introduction to the Scottish Legal System. Pupils will be introduced to a range of subjects within the legal sector and on completion will develop the skills and knowledge required to progress HNC Police studies.	• Introduction to Scottish Criminal Law • Introduction to the Scottish Legal System • Legal Research and Writing • Consumer Protection	Working towards National 5 qualifications	HND Police Studies (SCP) HND legal services Full Time Course	Tuesday and Thursday afternoons	1 year	Sightill Campus	This course comprises 3 SQA units which will augment CV and college applications.
HNC Police Studies 2 year course	7	HNC Units	S5 PUPILS This is a 2 year course for pupils who are interested in developing a career where knowledge of the Police Service and Policing is important, such as the Prison Service, Private Security Firms, Social Services and youth or community Work	• Scottish Criminal Procedure • Scottish Legal System • IT in Business: Word Processing • Spreadsheets and Databases: An Introduction • Police Studies • Creating a Culture of Customer Care • Interviewing • Communication: Practical Skills	One Higher in a relevant subject and four National Units at SCQF level 5/6 Applicants will be required to attend for interview and will be subject to a fitness capability assessment as well as meeting the academic entry requirements for this course	HNC Legal Services, NC /HNC Social Sciences or full time Health & Fitness Courses at Edinburgh College. Subject to entry requirements.	Tuesday and Thursday afternoons plus self-directed study In year 2 pupils will also be required to attend on a Friday afternoon	2 years	Sighthill Campus	Requires self-directed study

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NPA Criminology	6	National Progression Award	S5 PUPILS This National Progression Award (NPA) allows pupils to study criminology, including the complex nature of crime and the problems of measuring crime. Learners will develop an understanding of the criminal justice system and gain insight into the way crime and justice operates Pupils will also develop transferable skills and an open an evaluative approach to study.	• Criminology: Nature and Extent of Crime Crime in Society • Criminology: Crime Control Strategies	Applicant must complete a personal statement in support of their appliction. Entry is at the discretion of the college. However, it would be beneficial if pupils had achieved at least one of the following: • relevant qualifications at SCQF level 5 • NC Social Sciences, Legal Services or Police Studies Pupils experience, life skills and potential ability will aslo be taken into account Acceptance onto the course will be based on individual ability	PDA Criminology Level 7 (SCP) HNC legal services	Tuesday and Thursday afternoons	1 year	Sighthill Campus	Requires self-directed study

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PDA Criminology	7	Personal Development Award	**S5 & S6 PUPILS** The PDA in Criminology at SCQF level 7 covers the following: theories of crime causation and criminalisation, aspects of the criminal justice system in Scotland. The course requires an open-minded, critical and evaluative approach to study. Learners will develop knowledge of data handling, critical analysis as well as complex thinking skill, problem solving and research skills.	• Criminology • Scottish Criminal Law • Scottish Legal Systems	Applicants should be working towards two relevant Highers and 5 National Qualification Units at SCQF level 5/6 or a minimum of 6 National 5 passes at B or above. A personal statement is required and applicants will be invited to participate in an interview process.	Progression to full time HNC Legal Services. (Possible progression onto HNC Social sciences or University access subject to entry requirements.	Open Learning only	1 Year	Open Learning	Requires self-directed study
Marketing with Entrepreneurial Skills	6	SQA & Edinburgh College Units	S5 & S6 PUPILS This course will provide learners with a vocationally relevant introduction to Marketing and Entrepreneurial Skills to enable progression to further study.	• Marketing Skills for the Entrepreneur • Customer Service Skills for the Entrepreneur • Creating a Business Plan • Planning a Social Media Campaign	Relevant qualifications at SCQF level 5 along with a personal statement. Pupil experience, life skills and potential ability will also be taken into account.	HND Year 1 Marketing Communications , HNC Business with marketing subject to entry requirements.	Tuesday and Thursday Afternoons	1year	Sighthill Campus	

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Access to Enterprise & Commerce	5	SQA & Edinburgh College Units	S4 PUPILS This is an entry level course which provide an introduction to functions central to the business environment. It will include primers for subjects such as marketing, administration, business, HR, accounts, law and data science to inform future study choices. Pupils will study each of the topic areas for 4 weeks.	Introduction to Law Introduction to Administration Introduction to Digital Marketing Introduction to Police Studies Introduction to Accounts Introduction to Human Resources Management Introduction to Business Introduction to Data Science Introduction to Finance	Applicants should be working towards National 4s, preferably in Maths and English. A good level of written and spoken English and a good level of numeracy is required.	Progression to a wide range of specialist courses in Enterprise & Commerce.	Tuesday & Thursday Afternoons	1 Year	Milton Road	
ESOL Higher ESOL National 5	6 5	Higher National 5	S5 & 6 PUPILS This online digital course provides learners with the opportunity to develop English language skills to achieve the Higher ESOL SQA qualification by learning in a supportive and friendly environment with other young people who share similar experiences.	• Pupils will develop English for reading, listening, and speaking by taking part in academic discussions and debates. In addition, they will learn how to prepare presentations, write reports, articles, and a range of essays. They will build their vocabulary, study skills and confidence. • A new Digital Model of delivery will consist of on-line synchronous classes (face-to-face) followed by asynchronous learning (independent learning with teacher support). This will accommodate pupils' individual needs and allow them to study at their own pace. • The platform for digital delivery will be Microsoft Teams and Moodle • High quality teaching enhanced with the use of technology will facilitate the development of students' digital skills.	**For entry to Higher Level 6** applicants will require SQA ESOL National 5 (preferably A or B pass) or result of initial placement test **For entry to National 5** applicants will require SQA ESOL National 4 or result of initial placement test	Vocational college courses or university	Choice of: Monday & Wednesday 4pm-6.30pm or Tuesday & Thursday Afternoons 4pm-6.30pm	1 year	Digital Classroom/Open Learning	Timing outwith campus SCP timetable ASSESSMENT ARRANGEMENTS Prelims can be hosted in school or delivered online. PUPILS sitting SQA exams will be required to sit at school.

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ESOL National 4 ESOL National 3	4 3	National Qualification	SENIOR PHASE PUPILS This course provides learners with the opportunity to develop English language skills to help with school work and achieve National ESOL SQA units by learning in a supportive and friendly environment with other young people who share similar experiences.	• Pupils will develop English for reading, listening, and speaking by taking part in a range of activities. In addition, they will learn how to prepare presentations and write formal and informal letters and articles. They will build their vocabulary, grammatical accuracy, study skills and confidence. • The courses cover a range of topics relevant to life and study in Scotland • In the event of ongoing Civd restrictions, the blended model of delivery will consist of timetabled online classes as well as asynchronous learning (independent learning with teacher support). This will accommodate pupils' individual needs and allow them to study at their own pace. • The platform for digital delivery will be Microsoft Teams and Moodle • High quality teaching enhanced with the use of technology will facilitate the development of students' digital skills.	For entry to National 4 ESOL applicants will require SQA ESOL National 3 or result of initial placement test Entry to National 3 ESOL will be bassed on the results of the initial placement test	SQA ESOL National 5 SCP course NC ESOL for Employability Level 5 (F/T at Sighthill campus)	Choice of: Monday & Wednesday 4pm to 6.30pm or Tuesday & Thursday 4pm to 6.30pm	1 year	Digital Classroom/Open Learning or Drummond High School if Covid restrictions permit	Timing and community setting outwith campus SCP timetable

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Advanced Higher French, German, Spanish, Italian	7	Advanced Higher	S6 PUPILS ONLY This course will continue pupils' development and knowledge through increased exposure to the language. This will give pupils the opportunity to acquire greater fluency flexibility accuracy and confidence.	• consolidate and develop the skills of reading, listening, writing and speaking within the four contexts of society, learning, employability and culture •translation skills •essay-writing skills and analytical skills	Minimum B pass at Higher in same language. (C pass may be considered subject to interview)	Various University Modern Language Degrees	French and Spanish only: Tuesday afternoon and/or Thursday afternoon digital classroom Or Open learning - Moodle self-study and scheduled Teams calls, possible access to digital classrooms if compatible with timetable (German and Italian, plus French and Spanish for pupils not available on Tues/Thurs afternoons)	1 year	Digital Classroom or Open learning	Courses will all run online. ASSESSMENT ARRANGEMENTS Prelims will be hosted in school or delivered online. PUPILS sitting SQA exams will be re required to sit at school.
Higher French, German, Spanish, Italian	6	Higher	S5 & 6 PUPILS This course aims to continue the progressive development of pupils' knowledge and competence by extending the range and complexity of the language encountered. Higher Modern Languages courses enable pupils to read, listen, talk and write in a modern language. Pupils also develop language skills of translation.	•consolidate and develop the skills of reading, listening, writing speaking •translation within the four contexts, covering topics such as family and friends, lifestyles, learning in context, jobs, and other cultural aspects of the language	Minimum B pass in National 5 in same language.	Advanced Higher Various University Modern Language degrees	Open learning - Moodle self-study and scheduled Teams calls, possible access to digital classrooms if compatible with timetable. Or Tuesday afternoon and/or Thursday afternoon digital classroom (timing only for Higher Spanish)	1 year	Digital Classroom or Open learning	Courses will all run online. ASSESSMENT ARRANGEMENTS Prelims will be hosted in school or delivered online. PUPILS sitting SQA exams will be required to sit at school.

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National 5 French, German, Spanish	5	National Qualification	SENIOR PHASE PUPILS This course aims to continue the development of learners' knowledge and competence in speaking writing reading and listening skills in the French language by extending your range of grammar and vocabulary.	•consolidate and develop the skills of reading, listening, writing speaking •translation within the four contexts, covering topics such as family and friends, lifestyles, learning in context, jobs, and other cultural aspects of the language	National 4 in same language or equivalent	Higher	Open learning - Moodle self-study and scheduled Teams calls, possible access to digital classrooms if compatible with timetable	1 year	Digital Classroom or Open learning	Courses will all run online. ASSESSMENT ARRANGEMENTS Prelims will be hosted in school or delivered online. PUPILS sitting SQA exams will be required to sit at school.

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VTCT Level 1 Extended Certificate in Hair and Beauty Skills (VRQ) (SCQF Level 4) progression to Level 2 Certificate in Hair & Beauty Skills (Semester 2) (SCQF Level 5)	4/5	VTCT (Internationally recognised)	S4 & 5 Pupils This course provides an introduction to a variety of skills required for the Hairdressing and Beauty industry. By developing these skills learners will have a greater insight into each discipline enabling progression to their chosen field within the industry. Depending on ability, learners can study at SCQF level 4 or 5 and gain essential practical experience in our professional salon environment and academies with our high-end product companies and equipment. Alongside this learners will also have the opportunity to work in our employability salons, which will further enhance employability prospects. Edinburgh College is the first flagship Vocational Training Charitable Trust (VTCT) College in Scotland. This professional recognition reflects the exceptional standard of facilities and training. Working with peers in the college environment gives learners the opportunity to see the progression routes that are on offer within the two disciplines and the opportunity to gain feedback from the pupil that are currently on these programmes.	**Level 4 Units** **VTCT Level 1 Extended Certificate in Hair and Beauty Skills (VRQ)** • Building Skills for a Hair and Beauty Image • • Hand and Nail Care • Make-Up Application • Skincare • Create a Hair And Beauty Image Using Colour • Colour Hair Using Temporary Hair Colour • Blow Dry Hair • Shampoo And Condition Hair **Level 5 Units** • VTCT Level 2 Certificate in Hair and Beauty Skills (VRQ) • Basic Manicure • Basic Skincare • Create an Image Based on a Theme • Blow Dry and Finish Hair • Shampoo and Treat Hair	Pupils must be in S4 and S5 and have a true passion for the industry. Applicants will be required to participate in a selection process as follows: You will be asked to create a Moodboard and complete a task - these must be submitted by the deadline given.	On successful completion of both awards pupils can apply for our full time courses starting August 2022: Level 1 Hairdressing NC Level 5 Beauty Care & Make-Up Beauty Aesthetics	Tuesday and Thursday afternoons	1 year	Granton Campus & Milton Road Campus	Protective Personal Equipment is mandatory to participate in this course which takes place in a professional training salon. FFP2 masks are worn at all time due to close contact work, unfortunatley there are no exemptions within our department. Pupils will be provided with a uniform and a hair & beauty kit to support their studies. The cost of £60 will require to be met by schools.

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NPA in Hospitality	5 & 6	SQA Units	S5 & S6 PUPILS The aim of this course is to provide pupils with the knowledge and skills required for a career within the Hospitality industry. The course will cover an exciting range of subjects aimed at developing pupils' cooking skills and front of house skills, providing the practical experience to enhance future employment prospects. Teaching will be delivered in our professional training kitchens and commercial restuarants. There will be opportunities for pupils to participate in a programme of visits to hotels and other hospitality businesses and ample opportunities for work experience to provide further insight into this exciting and fast-paced industry. Successful applicants will be offered a place at level 5 or level 6, depending on ability.	Level 5 • Food Hygiene for the Hospitality Industry • Working in the Hospitality Industry • Developing Customer Care in Hospitality • Cookery Processes **Level 6** • Hospitality Reception Skills • Food Hygiene for the Hospitality Industry • Function Waiting • Cookery Processes • Customer Care Excellence in Hospitality	Applicants must have an interest in the Hospitality Industry. Four relevant National 4s are required along with a completed personal statement as part of the application process.	Full time college courses subject to entry requirements. Access to HN Events and Hospitality HND year 1 in Events or Hospitality Management (subject to course entry requirements) HNC Hospitality	Tuesday and Thursday afternoons	1 year	Milton Road Campus	Pupils will be required to attend 2 hospitality events outwith the core timetable as part of their learning and will have the opportunity for work experience with industry partners. Protective Personal Equipment is mandatory to participate in this course which takes place in a professional training Restaurant. Pupils will be provided with Chef trousers, jacket apron, hat & safety shoes, The kit cost of £60 will require to be met by schools.
Professional Cookery NPA	3	National Progression Award	SENIOR PHASE PUPILS This course introduces pupils to techniques that are important in professional cookery. It supports development of practical, technical and transferable skills in food preparation and cooking. The course covers areas such as food hygiene, food preparation techniques, cookery processes and organisational skills and introduces pupils to a variety of skills and techniques needed to work in a professional kitchen.	• Cooking Skills • Kitchen Skills • Knife Skills • Food Hygiene • Team Working	There are no formal entry requirements for this course but pupils should show a keen interest in food and cooking and complete a personal statement as part of the application process	City & Guilds Entry 3 Introduction to the Hospitality Industry This course will prepare pupils for entry into the catering, hospitality or bakery industries or further training at College	Tuesday and Thursday afternoons	1 year	Granton Campus or Milton Road Campus	Protective Personal Equipment is mandatory to participate in this course which takes place in a professional training Kitchen. Pupils will be provided with Chef trousers, jacket apron, hat & safety shoes, The kit cost of £60 will require to be met by schools.

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Introduction to Events Co-ordination	5	SQA Units	SENIOR PHASE PUPILS This course is for pupils looking to develop the skills which will enable them to start their journey in the exciting and evolving world of events. They will develop knowledge and understanding of the events industry together with practical, technical and transferable skills. There is an emphasis on teamwork where they will engage with others, increase their confidence, communication and selling skills.	• Selling Skills • Contribute to an Event • Events Investigative Project	Applicants will be required to attend a course information event.	Access to HN Events and Hospitality HND Year 1 in Events or Hospitality Management (Subject to course entry requirements)	Tuesday and Thursday afternoons	1 year	Milton Road & Sighthill Campus	
Skills for Work - Retailing National 5	5	Skills for Work	SENIOR PHASE PUPILS This course has been designed to provide an introductory qualification in retail that provides employability skills identified as being important by employers in retail and many other sectors. The course provides opportunities for pupils to develop general and practical skills as well as knowledge and understanding of the key aspects of retailing. Edinburgh College are part of the of the FUSE Partnership with the new St James Centre Development where there are emerging opportunities in retail.	• Working in Retail • Maintaining, Storing and Replenishing Stock • Satisfying Customer Needs • Planning and Implementing a Retail Event	Four National 4s in relevant subject areas along with a completed personal statement.	HNC Retail (subject to course entry requirements)	Tuesday and Thursday afternoons	1 year	Sighthill Campus	

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NPA Travel & Tourism (The Business of Tourism)	6	National Progression Award	S5 & S6 PUPILS This Higher level qualification will allow pupils to gain important skills and knowledge required for work in the travel agency, a visitor attraction, as a tour guide or wider travel and tourism industry. pupils will have the opportunity to develop a knowledge and understanding of the nature of travel and tourism products and services.	• Travel and Tourism in the UK • Sustainable Practices in Travel and Tourism • Marketing in Travel and Tourism: An Introduction • Scottish Tourism Product	Candidates must have achieved 4 National 5 qualifications at grade C or above and be capable of working independently on research projects.	This will count as equivalent to an SQA Higher for the purpose of progression to our HN Travel and Tourism.	Tuesday and Thursday afternoons	1 year	Sighthill Campus	
NPA Travel & Tourism (The Business of Travel)	6	National Progression Award	S5 & S6 pupilsS This Higher level qualification will allow pupils to gain important skills and knowledge required for work in a travel agency, as air cabin crew, resort representative or wider travel and tourism industry. Pupils will have the opportunity to develop a knowledge and understanding of the nature of travel and tourism products and services. There will also be an opportunity to get hands on experience in our simulated aircraft classroom and passenger check in area.	• Travel and Tourism in the UK • Working as Air Cabin Crew • Resort Representation: An Introduction • Tourist Destinations	Candidates must have achieved 4 National 5 qualifications at grade C or above and be capable of working independently on research projects.	This will count as equivalent to an SQA Higher for the purpose of progression to our HN Travel and Tourism.	Tuesday and Thursday afternoons	1 year	Granton Campus	

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