

Newbattle High School

Which Qualification?

Senior Phase Course Choice Guide





Introduction

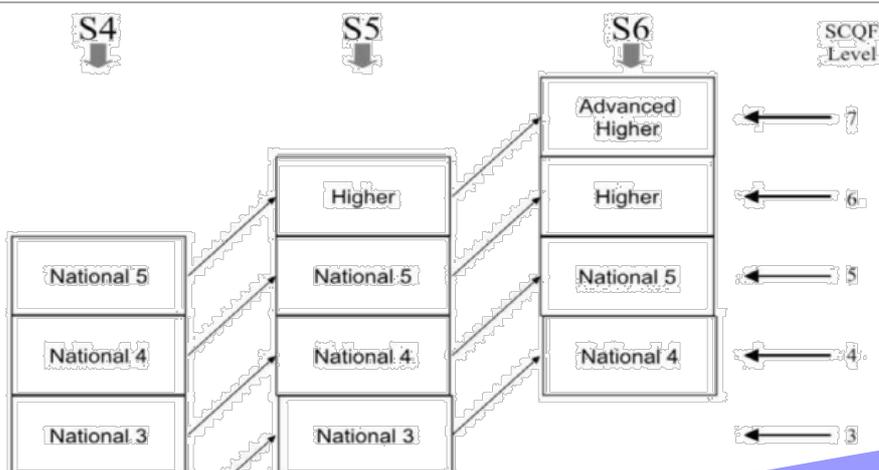
This is an important resource which will help you make informed decisions about your course choices for S4/5/6 and beyond. The first three years of secondary school are described as the Broad General Education (BGE), we describe the time pupils spend in school in S4/5/6 as the Senior Phase.

Information on course choice and careers is available from a range key people at school (House Heads, Principal Teachers of Tracking and Monitoring, Careers Advisors, Principal Teachers of Curriculum and Class Teachers). Most importantly you should discuss your career ambitions and course choices with parents/carers. Another important part of the process is an honest and realistic discussion with your Principal Teacher of Pupil Support about your own strengths, interests and ambitions for the future. At this meeting you will finalise your choices. The route you take towards your chosen career through your courses at School, College/University, Apprenticeships or other work based training are described as your **Career Pathway**. This handbook gives general information about the Senior Phase. It provides details of the courses on offer at Newbattle High School in S4/5/6. It is important to note that these will only run provided that sufficient numbers of pupils choose them.

At Newbattle we want all young people to achieve their full potential. To do this we aim to create an atmosphere of positive achievement which will benefit all learners. We regard pupils in the Senior Phase as a key group in helping to produce a positive ethos. As a Senior pupil you should strive to be a role model for the rest of the school and you will be expected to demonstrate commitment not only to your school work, but also all other aspects of school life. In the Senior Phase you will be given the opportunity to apply for a Prefect position, where you can further contribute to the life of the school.

Coursing Information

Your courses will be made up of National 3/4/5 Qualifications (NQ), National Progression Awards (NPA) or National Certificates (NC). Each course offers the chance to progress to the next level in S5/6. You will need to continue with **six** of your choices. The diagram below shows the progression routes possible through the Senior Phase.



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Learner journeys or 'achievement pathways' are the routes you may take through the curriculum. In your Social Education class you will go over the course choice sheet making sure that you understand how to complete the form and the course choice process. When you first get the form you will take this home to discuss with parents/carers. You will have a one to one meeting with your Head of House/PT Tracking and Monitoring and together you will agree on a suite of courses agreed for you. The completed course choice sheet will be sent home for your parents/carers to sign and note any queries or concerns.

When making your choices you should consider the following factors:

- Your long term career ambitions and the pathways in realising that ambition (Careers, Apprenticeships, College Courses, University Courses). There can be many different pathways that lead to the same careers.
- The courses/training that will lead to a pathway in achieving your career ambitions.
- Your progress so far in each subject.

You will be encouraged to "play to your strengths" by your Head of House/PT Tracking and Monitoring. Through discussions with your teachers you will be aware of your recommended levels for each subject and you will be advised you to choose the courses that you have made the most progress in.

There are many sources of information and advice, below are some suggestions of people and websites that can help you make informed choices.

People

Parents/Carers
Careers Adviser
Subject Teachers
House Heads/Principal Teachers of Tracking & Monitoring

Resources

Careers Section in Library

Internet Sites (There are many university/college/careers websites), here are a few including:

Local Colleges and Universities
My World of Work (www.myworldofwork.co.uk)
Edinburgh College Career Coach (edinburghcollege.emsicareercoach.co.uk)
APRENTICESHIPS.SCOT (www.apprenticeships.scot)
Digital World (www.digitalworld.net)
Edinburgh College (www.edinburghcollege.ac.uk)
Borders College (www.borderscollege.ac.uk)
Napier University (www.napier.ac.uk)
Herriot Watt University (www.hw.ac.uk)
Edinburgh University (www.ed.ac.uk)

Our Careers Adviser, **Ms Alison McGeechan**, visits the school regularly. Students are encouraged to take up the opportunity of an individual Careers Interview. Parents can be present at these interviews.

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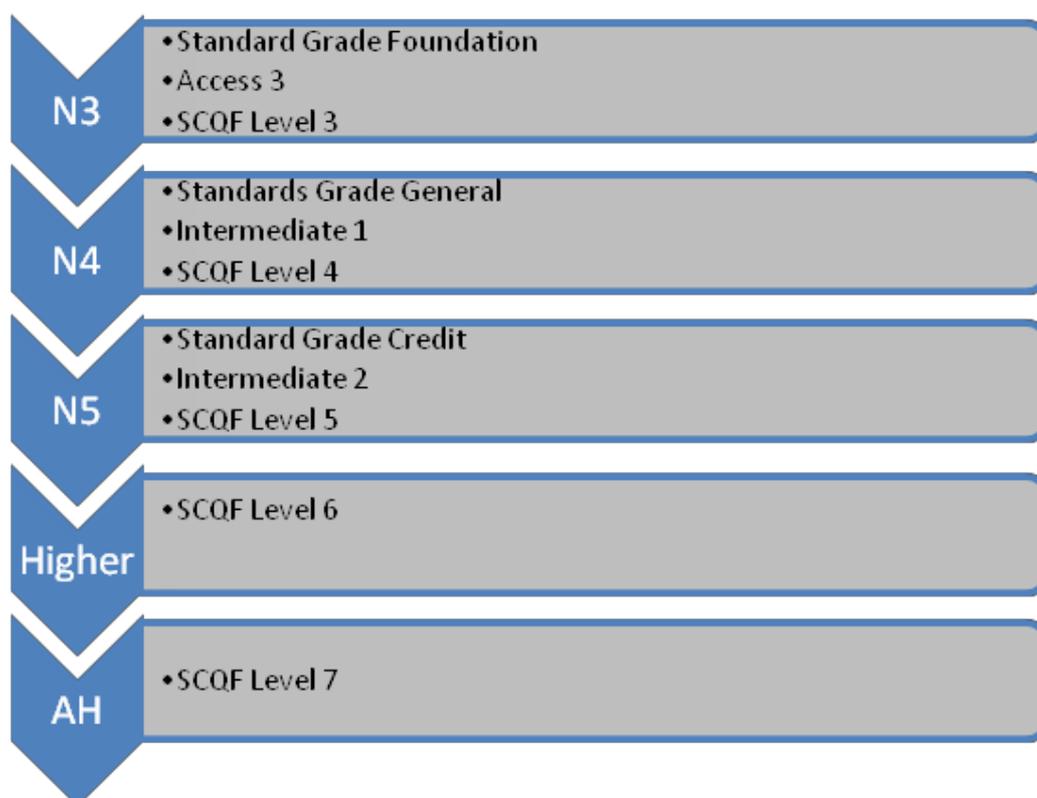
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Qualifications

Curriculum for Excellence provides a system of education for children from 3 years right through to 18 years old. In the Senior Phase greater specialisation and choice is made and National Courses are studied by the pupils.

The new National Qualifications, National Progression Awards (NPA) and National Certificates (NC) have replaced Standard Grade and Intermediate courses. The table below shows a comparison with new National Qualifications and the old Standard Grade and Intermediate levels.



National 3, National 4, NPA and NC courses are achieved through internal assessment. The courses are graded pass or fail. National 5, Higher and Advanced Higher have a final exam, assignment or performance which you are graded on. These courses are graded A to D.

More information on the new courses can be found at the National Parent Forum Scotland Website: <http://www.npfs.org.uk/nationals-in-a-nutshell/>

Within the curriculum there is a focus on adapting and applying skills and knowledge. There should be flexibility in offering qualifications and pathways. We offer a range of vocational courses at Newbattle High School, which are described later in this booklet. There are a range of courses offered by partners such as RUTS, Life Long Learning and Employability, Edinburgh College to name a few. As courses become available throughout the year we will offer places to pupils whom we think would benefit most from a more flexible pathway to employment.

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University (Higher Education)

The information given here refers to the Scottish Universities. Obtaining the necessary entrance requirements for these could allow entrance to a University in other parts of Britain.

All the Scottish Universities have what are called 'General Entrance Requirements' which must be met to follow any course. However, individual faculties (groups of subjects) have additional, more demanding, requirements for entry. These requirements are the 'Probable Entrance Requirements'. Other important factors which will influence the chances of a candidate being accepted are his or her character and motivation, volunteering and relevant experience. This is taken into account in the candidate's personal statement when applying and by the school's reference. The level of qualifications that you need to start a course varies, however there is often a minimum standard of at least three Higher Level passes. Depending on the course Maths or English may be required. You must research entry requirements for the course you wish to study.

UCAS is the body that manages applications to universities. Pupils who wish to go to university are given support by their Head of House/PT Tracking and Monitoring, PSE teacher, careers advisor and LEAPS (see below) in completing the process to apply (pupils will do this in S6). www.ucas.com and www.careers-scotland.org.uk. It also makes good sense to look at the prospectuses produced by the different universities as entrance requirements change from year to year. All up to date Scottish prospectuses are held for student consultation in our Library.

Lothian Equal Access Partnership (LEAPS)

Newbattle Community High School, in keeping with a number of other Lothian schools, works closely with the University of Edinburgh in delivering the Lothian Equal Access Programme for Schools Initiative. This scheme considers individual applications for entry to Higher Education, giving candidates support in negotiating entrance requirements and preparing students for Higher Education through a special Summer School.

Further Education Colleges

The Scottish colleges offer a variety of courses ranging from a Degree qualification, HNC, HND, National 3-5 and Higher to name a few. The information given here concentrates on Edinburgh College campuses but similar statements should apply to colleges in other parts of Scotland and the UK. It should be remembered, also, that there is a comparatively vast college provision in England and that a wider range of options is on offer there. Again, the best policy is to obtain relevant prospectuses online. Some of these may be available in our Library. Prospectuses for all the local colleges are available in the school careers library. A common route to University is now completing an HND at College and entering University in second year to pursue a degree.

The Colleges of Further Education in the Borders, Edinburgh and Lothian's are:

- Edinburgh College
- Borders College
- West Lothian College

These colleges have campuses across South East and Central Scotland offering a wide and varied curriculum. Each college campus offers a specific set of courses, so the amount of travelling you are prepared to do should be considered when thinking about a course and campus.

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How do you apply?

College application forms, prospectuses and course leaflets should be available in the school library, your Career Advisor and from the College Websites.

Applications are made direct to the college(s) of your choice. If you wish to apply to more than one college you need to submit a separate application form to each college.

Apply well in advance of the course start date e.g. for a course starting in **August** applications should be made around **February**.

Many courses and apprenticeships have intense competition to get on them, this means you may well have to achieve better grades than the minimum requirements to guarantee a place. This can particularly be the case for some apprenticeships.

Active Citizenship - S5/6 Only

One of our main aims is to equip young people with skills for learning, skills for work and skills for life. To develop this Newbattle runs an Active Citizenship programme for S5/6. We believe that this opportunity enhances our Seniors' community spirit and prepares them for adult participation in society. It develops a sense of responsibility and improves self-esteem.

The majority of subject departments in Newbattle offer seniors the opportunity to help younger pupils with their learning in class. Seniors will be given training prior to going into classes so that they can make best use of their own subject knowledge and work constructively with youngsters. If seniors elect to work directly with our Learning Support department they will participate in support schemes such as paired reading.

Another way in which S5/6 pupils can contribute to the life of the school is through first year homeroom linking. Senior pupils will be able to work with pupils in S1 in homeroom. They would support the homeroom teacher in their duties, develop relationships with S1 pupils and run events and activities in homeroom.

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Responsibilities in the Senior Phase and Being a Prefect

Each session senior students are offered the chance to apply for the post of **School Prefect**. One of the most important contributions that Prefects and Senior pupils can make to our school is to help in the encouragement and establishment of good pupil attitudes and positive behaviour throughout the whole school.

Leading by example in the areas of **punctuality, regular attendance and supporting our school dress code policy**. Our senior dress code consists of a white collared shirt, the school tie, black trousers or skirt and black shoes. All clothing worn in class must conform to this code. **Please note that the school reserves the right to ask Senior pupils to return home to change if they are not adhering to this code.**

By participating in the school decision-making, by taking responsibility for their own behaviour and for the care of the physical environment of the school. All S4/5/6 can have their views heard through **Newbattle Pupil Voice**.

Senior Prefects in S6 have regular meetings with the Depute Head responsible for senior school.

Great importance is given to the prefect role, which allows pupils to gain valuable experience in assisting with day to day life in school. All prefects will be expected to participate in door duties, homeroom linking, parents' nights and whole school events.

School Leaving Dates

The statutory school leaving dates in Scotland are as follows:-

If you are 16 between 1 March 2019 and 30 September 2019 you may leave school at the end of May 2019 (Summer Leaver).

If you are 16 between 1 October 2019 and 28 February 2020 you may leave school at Christmas 2020 (Winter Leaver).

While we encourage most pupils to stay in school as long as possible, however for some staying on in school full time is not the best option. If you are moving on in S5 there are range of options that you can explore with your Head of House/PT Tracking and Monitoring and the careers advisor.

You could attend school part-time and spend the rest of your time at College or Work Experience. You may wish to consider a full-time College course. All winters leavers are guaranteed a college place at Edinburgh College starting in January 2018.



Educational Maintenance Allowance (EMA) - S5/6 Only

The Education Maintenance Allowance (EMA) is available to pupils 16+, who show reasonable promise of successfully completing a sound programme of study at secondary school or College.

What is an EMA?

EMA is a weekly payment of £30 paid **directly** to young people from families with a household income of up to £20,351 if 1 dependent child in the household or up to £22,403 if 2+ children in the household who stay on in further education after they have reached the statutory school leaving age. They must also have completed S4.

Why is the Government providing this financial support?

The Government recognises that for some young people there are financial barriers to participating in education, particularly those from low-income households. In addition, from the pilot scheme has shown EMA has a positive impact by increasing the numbers of young people participating in post-16 education, reducing the numbers who drop out of education and by providing incentives that contribute to higher attainment.

Who will be entitled to an EMA?

Any young person who is thinking about staying in further education and whose household income is as stated at number 1 above should be applying for an EMA. The household income assessed for EMA purposes is the same as that used by the Inland Revenue for assessing Tax Credits.

For how long will each young person receive their EMA?

Most young people will get their EMA for one year (dependant on household income) and can apply the following year if returning for sixth year.

So how do young people apply?

EMA entitlement is based on an assessment of household income in the previous financial year. Application forms will be assessed the Local Authority Education Department or by the FE college of choice. The application forms are available from the school office.

Other Information

A successful applicant will receive EMA payments once they have enrolled at a school or college and have started a valid programme of study. **All payments will be direct to the student through his/her bank account. Payments will only be made to those who have satisfied the agreed attendance requirements.**

For further information please contact:

Midlothian council
Education Division
Bursaries Section
Fairfield House
8 Lothian Road
Dalkeith
EH22 3A0131 271 3730

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South East Scotland Academies Programme - S5/6 Only

The South East Scotland Academies partnership is a ground-breaking collaboration focused on helping young people maximise their educational opportunities. It allows young people to study at college and university whilst still at school and provides them with relevant work experience opportunities.

Pupils at Newbattle Community High School in S5 or S6 have the opportunity of joining this exciting programme. The courses will be timetabled to include two mid-week afternoons on Tuesday and Thursday at Edinburgh College.

The courses are:

- Health & Social Care (Higher and N5)
- National Progression Award in Film & Media; (SCQF 6)
- National Progression Award in Acting and Performance and Professional Theatre Preparation (SCQF 6)
- Hospitality and Tourism (SCQF 6)

These courses would be taken over 1 year alongside other Higher's and National 5's. In the main, entry into an SCQF 6 course would be for pupils who are studying towards Higher courses by the end of S6. These courses would be of particular interest for pupils who have a real interest in gaining a job in a specific sector. The learning will be very work place focused and aimed at giving someone a head start in applying for work in a particular sector. Many of these courses progress onto courses which run at Queen Margaret University and they will provide 2 transition afternoons during the course year for Academy students. Queen Margaret University will look favourably upon students who successfully complete these courses.

Foundation Apprenticeships - S5 Only

Foundation Apprenticeships are an exciting new way of work based learning. Three of these courses will be delivered within a school in Midlothian by Midlothian Council's Learning and Development Department. The rest will be based and delivered by Edinburgh College. Spend part of your time each week being delivered the course content and work with a real employer. Develop your knowledge and skills and make contacts with employers. Entry into the courses requires you to be studying towards Highers in S5/6. Courses are available for pupils starting S5 and last for two years. All pupils who complete a Foundation Apprenticeship are guaranteed progression after S6 be it further studies or employment opportunities.

These courses will be delivered in a school in Midlothian:

Business Skills, IT Software Development and Social Services (Children & Young People)

The following courses will be delivered at Edinburgh College:

Accountancy, Civil Engineering, Engineering, Financial Services, Creative & Digital Media, Food & Drink Technology and Scientific Technologies

The Apprenticeship program will take place on Tuesday and Thursday afternoons. Some courses may also require student to attend on a Friday afternoon or complete work placements during school holidays. Transport will be provided. Further details on courses can be found from Alison McGeechan (Careers Advisor) or Miss Philp (DHT).

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Work Based Learning (leading to Apprenticeships) - S5/6 Only

This year there will also be the opportunity for S5/6 pupil to link with businesses and take part in work based learning. This will take place over two afternoons a week. More information will be issued regarding the businesses involved. Pupils will be required to go through an application and interview process to secure a place on this course. If the course is successfully completed, each candidate will be guaranteed a Modern Apprenticeship upon leaving school and will not have to compete against any other candidates.

In addition to this we also have a number of partners that are willing to offer work experience for senior students over two afternoons a week and pupils can also self-find work experience placements.

If pupils are interested in any work based learning opportunities, they should speak to their Head of House/PT Tracking & Monitoring or Miss Philp (DHT).

Notes for Parents/Carers and Students

English and Mathematics should be studied up to National 5 Level by all pupils.
See Miss Philp if you wish to discuss further.

Admission to a National Qualification Higher Level course will depend normally on holding a National Qualification at National 5 A or B.

The availability of any course will depend on enough pupils wishing to study that course and the availability of staff to teach it.

Some Advanced Higher subjects will be taught in co-operation with other schools in the area.

The **S4/5/6 Course Planning Sheet** will be filled in after consultation with Class Teachers, Heads of Departments and Pupil Support Staff.



ART & DESIGN

What skills will you learn?

The course covers investigative, creative and critical experiences through design and expressive work using a range of materials, resources and I.T. Through these focus areas, pupils will develop key skills such as creativity, perseverance, independence, resilience, numeracy, planning, organising, communicating, responsibility, creative, flexibility and enthusiasm.

What themes or topics will you study?

This subject progresses from National 3 level through to Advanced Higher. Within these qualifications, you will cover expressive and design using a range of media/resources and I.T.

What careers are available?

Careers include: Design covering industrial/landscape/costume/interior/product/textile/digital/multimedia/set/web/furniture, body art, picture framing, printing, animation, architecture, make-up artistry, art therapy, photography, sign making, floristry, hairdressing, fashion, teaching, etc.

Why should you choose this subject?

Art and Design develops many skills but none more so than creativity. Creativity is a transferrable skill and is one of the most sought after attributes by employers. The creative economy is growing and is a more future-proof occupation to technological developments.



PHOTOGRAPHY

What skills will you learn?

The NPA Photography course gives opportunities to develop co-operative working, communication and research skills, planning and organisation skills, decision making, problem solving, ICT and creative digital skills.

What themes or topics will you study?

The topics covered include: camera operations, care and handling, tutorials and practical demonstrations, lighting, composition and framing, reviewing the work of prominent photographers, editing and presentation, storing of photographs, folio and exhibition work and apps.

What careers are available?

Careers directly related to this qualification include Graphic designer, Magazine features editor, Medical illustrator, Photographer, Press photographer, Television camera operator, Advertising art director, Digital marketer, Film director, Film/video editor, Media planner, etc.

Why should I choose this subject?

Photography develops many skills but none more so than creativity combined with digital technologies. Creativity and ICT are transferrable skills, both of which are the most sought after attributes by employers.



DESIGN & MANUFACTURE

What skills will you learn?

The course covers product design, CAD/CAM, 3D printing/modelling, prototyping, 2D and 3D graphics (manual and I.T), material uses/properties, commercial manufacturing, etc. Through these focus areas, pupils will develop key skills such as I.T, literacy and numeracy, creative and critical thinking, decision making, planning and organising, and justifying decisions.

What themes or topics will you study?

This subject progresses from National 4 level through to Advanced Higher. Within these qualifications, you will cover design, material technology and properties and manufacturing.

What careers are available?

Careers include: architecture, product/set/furniture design, CAD engineer, production management, interior designer, plumbing, metalworking, sign making, tool making, engineer, digital design, technical illustration, exhibition design, manufacturing technology, teaching, etc.

Why should you choose this subject?

The course encourages pupils to take a broad view of design and manufacture using the aforementioned skills. These transferrable skills place pupils in a strong position regardless of the career path they choose, i.e design, manufacturing, engineering, science, marketing, etc.



GRAPHIC COMMUNICATION

What skills will you learn?

The course covers CAD/CAM, 3D modelling, Desktop Publishing, British Standards & Conventions, 2D and 3D graphics (manual and I.T) etc. Through these focus areas, pupils will develop key skills such as I.T, literacy and numeracy, creative and critical thinking, decision making, planning and organising, spatial awareness, visual literacy, and logical thinking.

What themes or topics will you study?

This subject progresses from National 4 level through to Advanced Higher. Within these qualifications, you will cover 2D and 3D graphics work including CAD, DTP, B.S 8888 etc.

What careers are available?

Careers include: multimedia design, digital design, animation, advertising, marketing, surveying, civil engineering, web design, illustration, construction, product design, print design, graphic design, desktop publishing, CAD engineer, exhibition design, teaching, etc.

Why should you choose this subject?

Digital technology is the fastest growing sector in Scotland. Graphic Communication provides learners with the opportunity to combine a vast range of I.T knowledge along with the necessary skills to succeed in further education and employment.



PRACTICAL METALWORKING

What skills will you learn?

The course covers metal properties/uses, hand/power tools, metal fabrication, workshop H&S, working drawings, machinery, assembly and finishes etc. Through these focus areas, pupils will develop key skills such as numeracy, thinking, planning, organising and communicating, responsibility and creative flexibility, enthusiasm, perseverance, reliability and confidence.

What themes or topics will you study?

This subject progresses from National 4 level through to National 5. Within these qualifications, you will cover hand tools, machinery, metal properties/uses, fabrication and finishing.

What careers are available?

Careers include: I.T support, civil engineer, electronics assembly, telecommunications, energy distribution, welder, railway maintenance, electronics engineering, security systems installation, motor vehicle repair, sheet metal work, machining, engineering, pipe fitting, teaching, etc

Why should you choose this subject?

Scotland's construction industry continues to face a skills shortage as workloads are outpacing the availability of qualified professionals. Practical metalworking provides a clear pathway to excellent opportunities in further education and employment within this sector.



PRACTICAL WOODWORKING

What skills will you learn?

The course covers wood properties/uses, manufactured boards, hand/power tools, workshop H&S, working drawings, machinery, assembly and finishes etc. Through these focus areas, pupils will develop key skills such as numeracy, thinking, planning, organising and communicating, responsibility and creative flexibility, enthusiasm, perseverance, reliability and confidence.

What themes or topics will you study?

This subject progresses from National 4 level through to National 5. Within these qualifications, you will cover hand/power tools, machinery, wood properties/uses, construction and finishing.

What careers are available?

Careers include: Joinery, furniture manufacture, cabinet making, wood machining, sawmill work, construction crafts, form work, shop fitting, plumbing, plastering, construction sector work, forestry commission, teaching, etc

Why should you choose this subject?

Scotland's construction industry continues to face a skills shortage as workloads are outpacing the availability of qualified professionals. Practical woodworking provides a clear pathway to excellent opportunities in further education and employment within this sector.



CYCLE MECHANICS

What skills will you learn?

This course will provide you with relevant knowledge in cycle mechanics and maintenance. Candidates will also get the chance to learn in the outdoors environment, learning skills such as trail repairs, map reading, route planning and the Scottish outdoor access code.

What themes or topics will you study?

On completing this course you will be awarded a City & Guilds Entry Level 3 Cycle Mechanics qualification and a Go Mountain Bike Level 4 qualification. Themes covered will include working as a team and also building on individual strengths both physically and mentally.

What careers are available?

This course provides students with opportunities to continue with further study of outdoor learning. It was also develop leadership skills that can be adapted and used in future careers in the sport and leisure industry.

Why should you choose this subject?

Studying for these qualifications will allow you to learn both inside and out of the classroom. There will be opportunities to access trail centres across Midlothian and the Borders. Candidates will be using mechanical skills to construct a working bike from basic frame to fully working sellable bike.



CONSTRUCTION SKILLS

What skills will you learn?

This course is designed to develop employability skills in the context of the Construction Industry. It is especially suitable for candidates with an aptitude for and an interest in practical crafts work. Candidates will learn a variety of skills in trades-specific units.

What themes or topics will you study?

The units studied in this course are available at National 4 level. The areas covered are Employability Skills, Half Brick Walling (brick work techniques), Site Carpentry and Bench Joinery, Painting and Decorating (decorative finishes), and Plumbing.

What careers are available?

This course provides students with opportunities to continue with further study of construction at further education college, by entering into an apprenticeship, or in to suitable training or employment in the construction industry. This course also offers progression into a level 5 NPA Construction course at Edinburgh College.

Why should you choose this subject?

Studying the units in this course will develop practical skills relating to the construction trades, give an insight into the work of some of the different trades in the construction industry and develop skills and attitudes that enhance employability, not just in the construction industry, but in employment generally. This course is delivered on site by Edinburgh College staff.



HAIRDRESSING & BEAUTY

What skills will you learn?

The focus of this course is on experiencing the salon environment, learning about the different roles and responsibilities in a hairdressing and beauty environment and developing vocational skills and knowledge. This course develops skills and knowledge of the basic practical and theoretical elements of hairdressing, beauty and personal presentation.

What themes or topics will you study?

This course provides a Vocational and Technical Qualification (VTCT) from Edinburgh College at levels 4 and 5.

What careers are available?

This course provides students with opportunities to continue with further study of hairdressing and/or beauty at a further Education College, enter into an apprenticeship scheme, or suitable training or employment in the hair and/or beauty industry.

Why should you choose this subject?

Studying the units in this course will develop practical skills relating to the hairdressing and beauty industry, give an insight into the work available within this industry and develop skills and attitudes that enhance employability, not just in the hair and beauty industry, but in employment generally.



ADMINISTRATION & IT

What skills will you learn?

The key purpose of this Course is to develop learners' administrative and IT skills to enable them to contribute to the effective functioning of organisations when working in administrative positions. In addition, the essential practical IT skills learned during the course will be beneficial when working on other subject areas, for personal use at home, university/college or in other areas of employment.

What themes or topics will you study?

This subject progresses from National 3 level through to Higher. Within these qualifications, you will cover the following key areas - Word processing; Spreadsheets; Databases; PowerPoint; Desktop publishing; Communications ; Event planning and Administrative Support in Business.

What careers are available?

The skills learned in this subject are relevant to most career paths, but would be particularly beneficial for careers in Human Resources, Retail, Event Management, Financial Sector, Business Management, Business Administration, Travel and Tourism.

Why should you choose this subject?

Students develop a range of essential skills that will stand them in good stead regardless of the career path they choose. The skills developed are highly regarded and provide access to wide ranging employment opportunities and further and higher education courses.



BUSINESS MANAGEMENT

What skills will you learn?

This course introduces candidates to the dynamic, changing, competitive, and economic environment of industry and commerce. It provides a variety of opportunities, both co-operatively and individually to develop business-related skills in a variety of real-life contexts. Skills and knowledge developed will be relevant to the world of work, such as decision-making, communication, team working and presentation of business information.

What themes or topics will you study?

This subject progresses from National 3 level through to Higher. Within these qualifications, you will cover the following key areas: Understanding business; Management of People; Management of Business Finance; Management of Marketing and Management of Operations.

What careers are available?

Business Management is an excellent qualification which helps pupils gain access to a wide range of career or business opportunities, whether in employment or in further/higher education. This subject is particularly relevant for careers in law, finance, retail, management, tourism, and accountancy, to name but a few.

Why should you choose this subject?

Studying this course helps candidates develop an understanding of the economic and financial environment in which businesses operate. This enables them to make an effective contribution to society as consumers, employees, employers or self-employed people.



COMPUTING SCIENCE

What skills will you learn?

This course highlights how computing professionals are problem-solvers and designers, and helps pupils to understand computational processes and thinking. A variety of specialist areas are investigated throughout the course using practical activities and the far-reaching impact of information technology on our environment and society considered.

What themes or topics will you study?

This subject progresses from National 3 level through to Higher. The course content puts an emphasis on skills development, including coding, computational thinking and problem-solving skills. The areas of study covered are: Software Design and Development; Database Design and Development; Computer Systems; Web Design and Development; and Information System design and Development (depending on the level of the course).

What careers are available?

Computing Science is an excellent qualification which develops a range of transferable skills, which open up a wide range of career and study opportunities. This subject is particularly relevant for careers in Computer Games Development, Computer Software Engineer, Programming, Artificial Intelligence, Systems Design, Web Design, Computer Technician, Data Scientist.

Why should you choose this subject?

Studying Computing Science encourages pupils to become inquisitive, successful, responsible and creative in using technologies, and to develop a range of qualities including flexibility, perseverance, confidence, and enterprise.



Data Science (NPA Levels 4, 5 and 6)

What skills will you learn?

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. Machine learning, Data Security and Programming skills are some of the optional units of the course that will allow you to specialise in ways of working with data.

What themes or topics will you study?

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 healthier lifestyle choices about alcohol, driving, health and fitness. Case studies might include how your data is used by social networking companies, music streaming services or political parties.

What careers are available?

The Edinburgh region aims to become the data capital of Europe. There will be enormous demand for data scientist locally and globally. Almost every aspect of business and life will be affected by Data Science therefore the career opportunities are wide and varied. From business intelligence, artificial intelligence and robotics, finance, tourism, science and medical research, agriculture technology, or in the space and satellite industry the areas in which data scientists are employed are endless.

Why should you choose this subject?

The course would be attractive to anyone who has an interest in making a difference in society using statistics, data 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 will be relevant now and in the future.



ENGLISH & LITERACY

What skills will you learn?

In English & Literacy you will continue to focus on developing your core skills in reading, writing, talking and listening. In reading you will develop your ability to understand, analyse and evaluate. In writing you will develop independence in structure, expression and proof-reading. In talking and listening you will develop your abilities in being a confident and expressive verbal communicator whilst taking on board and responding to the thoughts of others effectively.

What themes or topics will you study?

You will read poetry, prose, media, drama and non-fiction whilst constructing your own expressive, discursive or comparative texts. You will listen to texts and create your own spoken ones for others to listen to. This subject currently progresses from National 3 level to Advanced Higher.

What careers are available?

Any career which requires communication will require a basic qualification in English & Literacy. Most professions therefore require evidence of this whilst the majority of FE courses feature an English qualification as an entry requirement, for example, nursing courses require a Higher.

Why should you choose this subject?

Good communication is the bedrock of all human endeavour and your career or further studies will demand this of you. Reading, in particular, is a skill upon which every subject in your curriculum depends; so the stronger you are at it, the greater your options are.

Newbattle High School

Senior Phase Course Choice Guide



MEDIA

What skills will you learn?

Media will allow you the chance to develop skills in both independent learning and group collaboration. You will learn to analyse media texts through a specific skill set known as the Key Aspects of Media Literacy: Categories, Narrative, Language, Representation, Institutions, Audience and Society.

What themes or topics will you study?

This subject currently progresses from National 5 level to Higher. Within these qualifications, you will cover key areas such as film and print media, advertising and the specific roles that media can play within society, as well as the ways in which it can influence people.

What careers are available?

Careers with a Media background include: journalism, advertising and marketing, film and television production, editing, computer game design, graphic design, public relations, web design, social media etc.

Why should you choose this subject?

Media helps us understand how we are influenced and can influence others around us through entertainment and information texts that surround us every day. If you enjoy working with others to develop creative ideas, and are intrigued by the way in which the media influences you then Media is the subject for you!



EARLY EDUCATION & CHILDCARE

What skills will you learn?

The courses available in Early Education and Childcare provide a range of subject skills, knowledge and understanding. These skills include skills and attributes for employability such as working as part of a team, time management and communication skills. You will also develop your planning and problem solving skills throughout the course.

What themes or topics will you study?

This subject progresses from National 4 level through to National 5. Within these qualifications you cover areas such as Child Development and Health, Play in Early Education and Childcare, Working in Early Education and Childcare and Parenting.

What careers are available?

Careers with a Childcare basis include Nursery nurse, Teaching, Nursing, child psychology, jobs in the care industry and many more.

Why should you choose this subject?

There is a growing demand for professionals in the Childcare sector and this course gives you a basis to continue to further education into a career where demand for skilled workers is high. It is an interesting course with transferable skills and allows you to develop a number of life skills. The course has a large practical aspect during the play unit of work and allows a number of opportunities to work in groups.



FASHION & TEXTILES TECHNOLOGY

What skills will you learn?

The courses available in Fashion and Textile Technology provide a range of subject skills, knowledge and understanding. These include organisational skills necessary to research, plan, prepare and evaluate products. The course also has a large practical aspect where you will develop your skills in a number of construction techniques.

What themes or topics will you study?

This subject progresses from National 4 level through to Higher. Within these qualifications you cover areas such as the factors that influence consumer choice of clothing, properties of fabric and a number of practical skills.

What careers are available?

Careers with a Fashion and Textile basis include retail jobs, fashion buyer, product designer, fashion communication, fashion marketing and many more.

Why should you choose this subject?

Fashion and Textiles Technology allows us to understand the properties of fabric and what influences our choice of clothing. It allows you to look into different fashion trends as well as learn the skills necessary to make your own garments. Many of the skills you learn are transferable and essential in the world of work.



HEALTH & FOOD TECHNOLOGY

What skills will you learn?

The courses available in Health and Food Technology provide a range of subject skills, knowledge and understanding. These include organisational skills necessary to research, plan, prepare and evaluate products and processes. This will help to develop your skills in problem solving. You will also develop some food preparation skills and techniques.

What themes or topics will you study?

This subject progresses from National 4 level through to Higher. Within these qualifications, you will cover key areas such as the relationship between health, food and nutrition. You will also learn about contemporary issues affecting food and nutrition and how they affect consumer choices.

What careers are available?

Careers with a food and nutrition basis include Food technologist, nutritionist, food product developer, jobs in the care profession, teaching and many more.

Why should you choose this subject?

Health and Food Technology will help you to understand food and nutrition and how it affects our health allowing you to make informed decisions about the food you eat. You will also gain an understanding of the science behind the production, processing and developing of food whilst gaining practical life skills.



HOSPITALITY: PRACTICAL CAKE CRAFT

What skills will you learn?

This course available in Hospitality provides the student with a range of practical skills, knowledge and understanding. The course aims to enable candidates to develop a knowledge of cake baking and cake finishing skills. This subject is available at National 5 only. Practical Cake Craft is delivered predominantly by practical lessons.

What themes or topics will you study?

The student will develop a knowledge of methods of cake production and functional properties of ingredients used in the production of a range of cakes and other baked items. This course will further develop the students ability to finish a range of cakes and other baked items using specialist tools and equipment.

What careers are available?

Careers with a hospitality basis include a wide range of careers in the hospitality industry. This includes, front of house staff, chef, hotel management, events planner, catering and can also lead in to teaching.

Why should you choose this subject?

Practical cookery courses provide essential life skills which are beneficial to everyone. If you would like to develop creative and artistic skills this course would be very suitable. The current job market has many vacancies in the hospitality industry and therefore this course provides the starting point for further study and entry into a lifelong career.



HOSPITALITY: PRACTICAL COOKERY

What skills will you learn?

The courses available in Hospitality provide a range of subject skills, knowledge and understanding. These courses includes a large amount of practical skills which will develop confidence in the kitchen. This course helps to develop your planning and problem solving skills through costing tasks.

What themes or topics will you study?

This subject progresses from National 3 level through to National 5. Within these qualifications you cover a range of cookery skills, food preparation techniques and cookery processes when following recipes.

What careers are available?

Careers with a hospitality basis include wide range of careers in the hospitality industry. This includes, front of house staff, chef, hotel management, events planner, catering and can also lead in to teaching.

Why should you choose this subject?

Practical cookery provides essential life skills which are beneficial to everyone. The current job market has many vacancies in the hospitality industry and therefore this course provides the starting point for further study and entry into a lifelong career.



PHYSICAL EDUCATION

What skills will you learn?

The courses available in Physical Education provide a range of subject skills, knowledge and understanding. These include practical skills, fitness and tactics, in addition to analysis and evaluating skills. You will also develop self-confidence and teamwork. We offer this subject at National 4, National 5 & Higher.

What themes or topics will you study?

This subject progresses from National 4 level through to Higher. Within these qualifications, you will cover key areas such as factors impacting performance and opportunities to perform to a high level in different sports.

What careers are available?

The skills and qualities developed in Physical Education are important to every career. These include, confidence, working with others, problem solving, critical thinking and communication.

Why should you choose this subject?

Physical Education is vital to all of us. We have state-of-the-art facilities in which learners can have fun, develop knowledge, improve skills and attain the highest level of qualifications. You will also enhance the soft skills required for the modern working world and sought after by employers. This will place you firmly on the pathway to lifelong health and wellbeing.



SPORT & RECREATION

What skills will you learn?

Sport & Recreation is an excellent course providing subject and life skills that focus on delivering Sports lessons, with younger children in local Primary schools, and in S1, and building personal skills in public speaking, confidence and Sport & Leisure employment. It is an extremely popular course which we deliver at National 5.

What themes or topics will you study?

The subject has 4 units, which must all be passed to achieve the National 5 award. The units are: Delivering an Activity Session, Daily Centre Duties, Employment & CV skills and Delivering a Fitness programme. Each of the units build learner confidence in a supportive setting.

What careers are available?

The skills and qualities built in Sport & Recreation are valued by every employer and Further Education course. Working with others, planning, problem solving, confidence, communication and working closely in a supportive team to deliver results.

Why should you choose this subject?

Sport and Recreation is a very popular and challenging course which is run in our state of the art facilities and our local Primary schools with a distinct focus on preparing Learners for life outside school and the skills required, while doing so in a supported and close team. The objective is to deliver Sport lessons to younger pupils but the skills learned are lifelong. The course works closely with Sport & Leisure staff.



APPLICATIONS OF MATHEMATICS

What skills will you learn?

Applications of Mathematics courses teach learners to think through real-life situations involving mathematics and to form a plan of action based on logic and calculation. We offer this subject at National 3, National 4 and National 5 levels.

Applications of Mathematics and Mathematics are of the same level of difficulty and the tests are equally challenging. The difference is in the topics that are studied (although there is some overlap).

What themes or topics will you study?

Within these qualifications you will study:

Numeracy: advanced calculations in real-life contexts relevant to life and work.

Finance: savings, loans, budgeting, currencies, best deal, calculating pay.

Statistics: drawing and reading graphs; analysing data and drawing conclusions; probability.

Geometry: areas, volumes, perimeters, gradients and making decisions relating to these.

Measurement: speed/distance/time, task planning, container packing, scale drawings.

What careers are available?

Almost every career or university/college course will require a qualification in maths. Most jobs and careers will accept either Applications of Maths or Mathematics. A qualification in Applications of Maths is particularly relevant if you are looking for a career in finance, trades/apprenticeships, Primary teaching, nursing and healthcare, sport & leisure, childcare, Armed Forces, retail, media and many more.

Why should you choose this subject?

You should choose this subject if you want to develop your numeracy and mathematical skills. You must be willing to work hard both in class and at home; and to complete regular homework in full every time that it is set. You also need to have very good attendance or you will fall behind with the course and its assessments.

Newbattle High School

Senior Phase Course Choice Guide



MATHEMATICS

What skills will you learn?

Mathematics teaches learners to select and apply mathematical techniques, logical reasoning and problem solving in a variety of situations. Much of the mathematics course involves abstract contexts (i.e. general rules and patterns; not always applied directly to 'real-life', although it will always have real life applications). We offer this subject at National 5, Higher and Advanced Higher levels.

What themes or topics will you study?

Within these qualifications you can study:

Algebraic skills: equations, formulae, factorising, algebraic graphs.

Shape: Pythagoras' theorem, angles, areas and volumes, vectors.

Trigonometry: the study of sine, cosine, tangent and associated shapes and equations.

Higher and Advanced Higher topics: logarithms, matrices, differentiation, integration.

Numeracy: advanced calculations in real-life contexts.

Are there any restrictions?

If you are currently doing National 4 Applications of Mathematics then it is not possible to move straight into a course in Mathematics. You must do the National 5 Applications of Mathematics course first.

If you are currently doing National 5 Applications of Mathematics then it is not possible to move straight into a Higher Mathematics course. You must do the National 5 Mathematics course first.

What careers are available?

Almost every career or university/college course will require a qualification in maths. Most jobs and careers will accept either Applications of Maths or Mathematics. However you **must** study Mathematics (and not Applications of Maths) if you want to move on to a University or college course in STEM subjects (medicine, biology, chemistry, physics, engineering, technology, computing, maths, economics). Some (but not all) nursing courses also require maths.

Why should you choose this subject?

You should choose this subject if you are good at following rules and procedures and spotting patterns and using formulae. You must be willing to work hard both in class and at home; and to complete regular homework in full each time that it is set. You also need to have very good attendance or you will fall behind with the course and its assessments.



MODERN LANGUAGES - (French, German, Spanish)

What skills will you learn?

The courses available in Modern Languages provide a range of subject skills, knowledge and understanding. These include enhanced mental flexibility, problem-solving ability (including organisational skills), metalinguistic ability (intercultural skills), learning capacity, interpersonal ability (team-working/communication and presentation skills/perception of the perspective of others).

What themes or topics will you study?

These subjects progress from National 3 level through to Advanced Higher. Pupils with a Higher can also study an online Open University module. Within these qualifications, you will cover the contexts of society, learning, employability and culture. These courses provide learners with opportunities to develop their reading, listening, talking and writing skills.

What careers are available?

Language skills are in demand and can be used in almost any career, particularly in businesses that trade internationally.

Why should you choose this subject?

If you study a Modern Language, you'll be pleased to know you're very employable! Not only will your knowledge of a foreign language be highly valued by employers, but so too will your cultural awareness and general communication skills. Language skills are in high demand in many different career sectors, especially if you work for a business which operates internationally.



DRAMA

What skills will you learn?

You will work in groups to develop skills in devising script work, and technical theatre, as well as social and political issues. There will be opportunities to explore costume, make up and set design as part of the course.

What themes or topics will you study?

This subject progresses from National 3 level through to Higher. Within these qualifications you will use stimuli to investigate and explore social and political issues, using a range of topical subjects, such as relationships, teenage and domestic issues.

What careers are available?

Drama and theatre arts will introduce you to a variety of options available by training in drama and theatre arts. Careers in the film, theatre and TV industries offer opportunities for performing, designing sets and costumes, lighting and sound, writing, directing, teaching and lecturing. Indirectly related careers include drama therapy and youth work as well as management roles.

Why should you choose this subject?

Drama will enable you to build confidence by exploring and developing themes and ideas in a safe and supportive environment. Group work is key, and being part of a team is excellent for developing people-skills for the future.



MUSIC PERFORMING

What skills will you learn?

In this Course you will develop skills in: performing on 2 instruments or 1 instrument and voice; listening to music; knowledge and understanding of music styles, concepts and notation; composing music; and self-reflecting.

What themes or topics will you study?

This subject progresses from National 3 level through to Advanced Higher. At all levels you will prepare a performance of music on 2 instruments, or on one instrument and voice. You will compose your own music for a composing assignment, and reflect on your decisions, strengths and areas for development in a composing review. There will also be a question paper, with excerpts of music, to assess your musical knowledge and understanding.

What careers are available?

Careers associated with music include: performer, songwriter, accompanist, composer, journalist, concert promoter, publisher, teacher, therapist, instrument repairer, conductor and army musician.

Why should you choose this subject?

This subject will enable you to build on and develop the skills you have learned in previous years, leading to a qualification in Music. Through playing instruments, composing and studying Music, you will enhance your transferable skills of teamwork, concentration, social interaction, patience, resilience, creative thinking and motor skills, and develop an appreciation of various musical styles and cultures.



MUSIC TECHNOLOGY

What skills will you learn?

In this Course you will develop practical skills in the use of music technology hardware and software. You will capture, manipulate and edit audio in various projects and assignments. In addition to practical work, you will also engage with, and analyse, 20th and 21st century musical styles/genres. This course will give you a broad understanding of the music industry.

What themes or topics will you study?

This subject progresses from National 3 level through to Advanced Higher. At all levels, you will prepare various projects and assignments to showcase your music technology skills and knowledge, whilst maintaining a detailed logbook. You will engage in research tasks and reports to demonstrate your knowledge of musical styles/genres. A question paper, with excerpts of music, will assess your musical and technological knowledge and understanding.

What careers are available?

Careers associated with music technology include: producer, sound engineer, sound technician, music editor, musician, composer, promoter, publisher, teacher, instrument repairer, DJ/mixer.

Why should you choose this subject?

This subject will enable you to build on and develop the skills you have learned in previous years, leading to a qualification in Music Technology. Through working with hardware and software, and developing an understanding of the music industry, you will enhance your transferable skills in IT, teamwork, concentration, social interaction, patience, resilience, creativity and motor skills, and develop an appreciation of music, cultures and technology.



Music for Wellbeing (NPA Level 6)

What skills will you learn?

In this Course you will develop skills in: working with others; designing, planning and delivering musical activities; employability knowledge of music for wellbeing; awareness of human behaviour, psychology and self-reflection. You must be able to demonstrate that you can play an instrument, or sing, at N5 standard or equivalent.

What themes or topics will you study?

In this Level 6 NPA you will organise and perform music in community events (e.g. concert in care home, music workshop in nursery) and study professional practice for community musicians. You will also research the positive psychological, physiological and mental wellbeing effects that music can have on human wellbeing and behaviour.

What careers are available?

Careers associated with this qualification are therapist, healthcare, musician, nursery nurse, business management or community work.

Why should you choose this subject?

This NPA allows you to use your musical skills to work with members of the community, using music to enhance their wellbeing, and understand the positive effects music can have on the body. You will plan and perform musical events in the community, developing your communication and planning skills. The course is assessed throughout the year and there is no final exam.



BIOLOGY

What skills will you learn?

The courses available in Biology allow you to develop your knowledge and understanding whilst also building a range of skills. These skills include scientific inquiry and investigation, independent working, analytical thinking, problem solving, scientific literacy, carrying out practical safely, and many more.

What themes or topics will you study?

This subject progresses from National 3 level through to Advanced Higher. Within these qualifications, you will cover key areas such as Cell Structures, DNA and Production of Proteins, Animal Transport Systems, Ecosystems, Food Production and Evolution.

What careers are available?

Qualifications in Biology can lead into Laboratory Work, Medicine, Healthcare, Agriculture, Beauty Therapy, Veterinary Medicine, Forensic Science, Dentistry, Pharmacy, Teaching and many more. The skills developed within biology can be applied in many other career paths.

Why should you choose this subject?

Biology affects everyone and aims to find solutions to many of the world's problems. It helps you to understand more about yourself and your place within the world. Biology is an increasingly important subject in the modern world and recent advances in technologies have made this varied subject more exciting and relevant than ever.



HUMAN BIOLOGY (Higher only)

What skills will you learn?

Human Biology allows you to develop your knowledge and understanding whilst also building a range of skills. These skills include scientific inquiry and investigation, independent working, analytical thinking, problem solving, scientific literacy, carrying out practical safely, and many more.

What themes or topics will you study?

This subject is only available at higher level but can lead into Advanced Higher Biology. The four units you will study cover the following topics: Human Cells; Physiology and Health; Neurobiology and Communication; Immunology and Human Health.

What careers are available?

Qualifications in Human Biology can lead into Laboratory Work, Medicine, Healthcare, Agriculture, Beauty Therapy, Veterinary Medicine, Forensic Science, Dentistry, Pharmacy, Teaching and many more. The skills developed within human biology can be applied in many other career paths.

Why should you choose this subject?

Biology affects everyone and aims to find solutions to many of the world's problems. This course will give you a greater insight into the workings of the human body and the challenges that it can face. Biology is an increasingly important subject in the modern world and recent advances in technologies have made this varied subject more exciting and relevant than ever.



CHEMISTRY

What skills will you learn?

The courses available in Chemistry allow you to develop your knowledge and understanding whilst also building a range of skills. These skills include interpreting information, problem solving, planning and carrying out experiments, using calculations and graphs to process information, drawing conclusions and evaluating work, and many more.

What themes or topics will you study?

This subject progresses from National 3 level through to Advanced Higher. Within these qualifications you will cover key areas such as: Rates of Chemical Reactions, Bonding, Hydrocarbons, Metals and Plastics.

What careers are available?

Qualifications in Chemistry can lead into Laboratory Work, Medicine, Hairdressing, Beauty Therapy, Oil and Gas Industry, Veterinary Medicine, Dentistry, Pharmacy, Teaching and many more. The skills developed within Chemistry can be applied in many other career paths.

Why should you choose this subject?

Chemistry helps us understand the world around us by looking at how substances interact with each other. In everyday life, Chemistry is used to make new substances by carrying out chemical reactions. Chemists help provide us with essential products for example, plastics, fuels, metals, dyes, flavourings for foods and medicines.



PHYSICS

What skills will you learn?

The courses available in Physics allow you to develop your knowledge and understanding whilst also building a range of skills. These skills include: interpreting information and solving problems, planning and designing experiments/practical investigations, selecting information and presenting information appropriately in a variety of forms, numeracy and many others.

What themes or topics will you study?

This subject progresses from National 3 level through to Advanced Higher. Key areas covered include Forces, Space, Electricity and Radiation amongst others.

What careers are available?

Qualifications in Physics can lead into: Engineering, Electrical Installations, Computing, Sports Science, Astronomy, Medicine, Dentistry, Military and Defence, Oil and Gas Exploration and Extraction, and Environmental Science. The skills developed within Physics can be applied in many other career paths.

Why should you choose this subject?

Physics gives candidates an insight into the underlying nature of our world and its place in the universe. From the sources of the energy we use, to the exploration of space, it covers a range of applications of the relationships that have been discovered through experiment and calculation, including those used in modern technology.



LABORATORY SCIENCE (N5)

What skills will you learn?

You will have the opportunity to develop the basic practical skills for working in a laboratory e.g. measuring, weighing and preparing compounds and solutions. You will also learn how to implement the health and safety requirements for a safe working environment. Throughout the course you will develop your employability skills such as time management, communication and presentation skills.

What themes or topics will you study?

You will learn about microbiology, radioactivity, chemical handling and laboratory equipment. You will also explore a variety of career opportunities in science laboratories. Throughout this course you will self-evaluate and review your employability skills.

What careers are available?

Qualifications in laboratory science can lead to jobs in industries such as: chemical, nuclear, oil, petroleum, pharmaceutical, electricity, gas, waste management, water, healthcare and food and drinks.

Why should you choose this subject?

This qualification is a great opportunity to further your understanding of sciences. It will allow you to develop employability skills and find out about the range of laboratory job opportunities that exist. This course is internally assessed throughout the year so there is no final exam.



Practical Science (NPA Level 5)

What skills will you learn?

This course focuses on developing a range of employability skills within a scientific context e.g. communication, digital, numeracy, team working and problem solving. You will also learn how to use specific pieces of scientific equipment and develop your practical science skills.

What themes or topics will you study?

This course has a blend of Biology, Chemistry and Physics. You will cover topics such as: chemical reactions and the periodic table; waves and optics; radioactivity; the human body and forensic science.

What careers are available?

Qualifications in Science can lead to jobs in industries such as: chemical, nuclear, oil, petroleum, pharmaceutical, electricity, gas, waste management, water, healthcare and food and drinks.

Why should you choose this subject?

This subject will give you the opportunity to explore a range of topics across the sciences whilst also developing your practical abilities and employability skills. This course is internally assessed throughout the year so there will be no final exam.



Applied Science (NC Level 5)

What skills will you learn?

This course will allow you to develop your knowledge and understanding across three sciences whilst also building a range of skills. These skills include interpreting information, problem solving, planning and carrying out experiments, using calculations and graphs to process information, drawing conclusions and evaluating work, and many more.

What themes or topics will you study?

You will be in a Biology and a Chemistry class covering the same topics as National 5 Biology / Chemistry students. There is no final exam so instead of preparing for this you will complete a National 4 level physics unit and work on additional lab / numeracy skills.

What careers are available?

Qualifications in Science can lead to jobs in industries such as: chemical, nuclear, oil, petroleum, pharmaceutical, electricity, gas, waste management, water, healthcare and food and drinks.

Why should you choose this subject?

This subject is a great way to get recognition for achieving a set of National 5 level units in both Biology and Chemistry whilst giving you an extra year to build up your science skills in preparation for sitting National 5 Biology and Chemistry exams in the future. It would also be a great stepping stone into college courses in the scientific disciplines.



GEOGRAPHY

What skills will you learn?

The courses available in Geography provide a range of subject skills, knowledge and understanding. These include describing, explaining and applying knowledge, analysing and evaluating issues, researching and investigating, selecting and processing information (using maps and graph work), comparing and contrasting skills and forming reasonable opinions regarding key local and global issues. You will also develop fieldwork, O.S. Mapwork and critical thinking skills.

What themes or topics will you study?

This subject progresses from National 3 level through to Advanced Higher. Within these qualifications, you will cover 3 key areas: Physical Environments (natural landscapes and weather/climate); Human Environments (population, urban and rural studies) and Global Issues (a range of choices such as climate change, development & health or natural disaster).

What careers are available?

There are numerous careers that require critical thinking perspective and the vast array of skills and wide range of knowledge, attitudes and values that Geography encourages. However, specific careers related to the subjects include: conservationists; energy consultants; town planners; landscape architects; environmental consultants; climate change researchers; development work in NGOs and charities; digital mapping, cartographers, educational broadcasting and data analysts.

Why should you choose this subject?

The Geography Courses develop learners' understanding of our changing world and its human and physical processes in local, national, international and global study contexts. You will look at our planet in a different way with a critical perspective. You will **learn key values** associated with sustainability of life on the planet, the environment and development issues affecting our world. Universities and employers value Geographers for their flexibility and transferability of skills and their ability to think and form opinions on key issues. Opportunities for practical activities including fieldwork are encouraged, so that learners can interact with their environment.



HISTORY

What skills will you learn?

The History Courses enable learners to develop a range of skills including the ability to apply a detailed historical perspective and evaluate sources in a range of contexts. Learners gain a detailed understanding of the factors contributing to historical events, and their impact. They also develop the skills of investigating historical events and forming views on the basis of evidence, and of explaining and analysing historical events and drawing reasoned conclusions.

What themes or topics will you study?

This subject progresses from National 3 level through to Advanced Higher. Within these qualifications, you will cover 3 key areas: Scottish History (such as the Wars of Independence or Migration & Empire); British History (such as the Atlantic Slave Trade or the making of Modern Britain) and European/ World History (such as Nazi Germany or the Russian Revolution.)

What careers are available?

There are numerous careers that require critical thinking perspective and the vast array of skills and wide range of knowledge, attitudes and values that History encourages. However, specific careers related to the subjects include: researchers; archivists; librarians; journalism and working with museums or heritage centres.

Why should you choose this subject?

The History Courses develop learners' understanding of our changing world and its historical events over long time-scale and from local to global perspectives. History helps us understand change and how the society we live in came to be today. The past shapes the present but do we learn from it? You will learn key values that are associated with the historical development of social justice and equality issues affecting us now and in the future. Universities and employers value Historians for their flexibility and transferability of skills and their ability to think through and evaluate evidence on key issues.



MODERN STUDIES

What skills will you learn?

Modern Studies enables you to develop a range of subject skills, knowledge and understanding. These include evaluating sources, problem solving, decision-making and developing leadership. You will also be able to use different methods of presenting and respectfully argue your point, take small steps to public speaking and, finally, learn about our role as a citizen in our democracy. Some of the employability skills you will develop are communication and working with others, problem solving and thinking skills and ICT

What themes or topics will you study?

The subject progresses from National 3 to Higher level. Within these qualifications you will cover the following units: Social Issues in Scotland and UK (Crime and the Law), Democracy and Politics in Scotland and International Issues (International Terrorism). The coursework requires individual ICT work, direct teaching also pair and group work skills in teams with role play and taking on the responsibility to plan and take part in class debates.

What careers are available?

This course will also help to equip you with important skills needed to be successful in Modern Studies and the wider world of work and below are just some examples of jobs where a background in Modern Studies would be useful:

NGOs (Charities), Armed Forces, Civil Service, Law, Politics, Security Services, Education, Media, MSP Psychologist, Social Worker, Human Resources Officer, Judge, Police Officer, Councillor.

Why should you choose this subject?

As a student of Modern Studies, you are learning to understand the world around us as well as the political, social and economic issues that affect our lives. Skills that we practice will prepare you for the future where you will have to create decisions and justify your actions by analysing and evaluating evidence. Our time is known as the "information age" because we are presented with vast amounts of information on an overwhelming level. This means you need to be able to apply learned research skills and analyse this information wisely as well as evaluate how reliable it is. Modern Studies will help you to develop the skills you need to be successful.



TRAVEL & TOURISM

What skills will you learn?

The course available in Travel & Tourism provide a range of subject skills, knowledge and understanding. Learners will develop skills to: become effective job-seekers and employees; deal effectively with all aspects of customer care and customer service in travel and tourism; the product knowledge and skills to deal effectively with customer enquiries in relation to travel and tourism in Scotland, the rest of the United Kingdom and worldwide. Undertaking the travel and tourism course will allow you to develop a wide range of transferable skills that employers look for.

What themes or topics will you study?

This subject progresses this National 4 or National 5 level course you will be assessed continuously through folio work rather than an external exam. There are 4 units of work: Destinations Scotland; Destinations Rest of the UK/World; Employability Skills and Customer Service. The coursework requires individual ICT work, direct teaching but also pair and group work skills in teams with role play and taking on the responsibility to plan and run an event!

What careers are available?

There are numerous careers that require critical thinking perspective and the vast array of skills and wide range of work-related skills that Travel & Tourism encourages. However, specific careers related to the subjects include: travel agency work; tourism marketing; working for eco-tourism and responsible tourism companies; event planners and further study at college in hospitality or travel and tourism courses.

Why should you choose this subject?

This newly developed and exciting course looks at how the travel and tourism industry works. It will also develop knowledge and understanding of the destinations people visit throughout Scotland and the world. The course allows you to explore places that will interest you as well as gain a greater understanding of the skills and behaviours required to work in one of Scotland's largest industries. The course is designed to allow you to work both on your own and as part of a team. It also provides opportunities to work with and learn directly from members of the travel and tourism industry.



PSYCHOLOGY

What skills will you learn?

The learner will evaluate the research process in Psychology. They will also learn to analyse topics relating to individual and social behaviour, and will be able to explain how psychological knowledge and understanding can be applied to support individual wellbeing. Learners will develop the critical thinking skills for evaluating methods and explaining ethical and scientific standards.

What themes or topics will you study?

This subject progresses from National 5 level through to Higher. Within these qualifications, you will cover key areas such as Research, Individual Behaviour (Sleep & dreams, Personality) Social Behaviour (Conformity & Obedience, Non Verbal Communication) .

What careers are available?

Careers in Counselling, Health care, Education, Therapist, Sports Therapist, Social Work, Law, Market Research, Accountancy, Human Resources, Child Care, Psychotherapy, Retail Management, Teaching and many more.

Why should you choose this subject?

The main purposes of the course are to enable learners to develop an understanding of the psychological study of the human mind and behaviour in a range of contexts, and to enhance their ability to use evidence to explain behaviour.

Newbattle High School

Senior Phase Course Choice Guide



RMPS

What skills will you learn?

The courses available in RMPS provide a range of subject skills, knowledge and understanding. Learners will develop skills to explain and express reasoned views about contemporary moral questions and responses. They will develop skills to analyse religious and philosophical questions and responses. Learners will also develop skills to explain and comment on the meaning and context of sources related to the religion selected for study. They will develop the key skills of interpreting, evaluating and thinking critically.

What themes or topics will you study?

This subject progresses from National 3 level through to Advanced Higher. Within these qualifications, you will cover key topics such as Morality (religion, medicine and the human body and relationships), Religion (Christianity, Buddhism and Islam), Philosophical Questions (origins, and the existence of God).

What careers are available?

Careers in Social Care, Retail Sales, Broadcasting, Social work, Health Care, Religious Leadership, Law, Civil Service, Management, Youth Work, Counselling, Teaching and many more.

Why should you choose this subject?

RMPS is a highly relevant subject which tackles serious topics, explores prominent issues and asks important questions. Many of the great questions of life are discussed: Why are we here? What is the right thing to do? Why is there so much suffering in the world? Positive values such as tolerance, honesty and fairness are promoted while prejudices are challenged.

S4/5/6 Course Available 2019/20

English (Mr Greig)

English (N3 to AH)
Media (N5, Higher)

Languages (Madame Leslie)

French (N3 to AH and Open University)
German (N3 to H and Open University)
Spanish (N3 to AH and Open University)

Social Subjects (Mr Ward)

Geography (N3 to AH)
History (N3 to AH)
Modern Studies (N3 to Higher)
RMPS (N3 to AH)
Psychology (N5, Higher)
Travel and Tourism (N4, N5) – S5/6 ONLY

South East Scotland Academy Partnership (S5/6 Only)

Health & Social Care (N5, Higher)
Events with Hospitality (Higher)
Creative Industries: Film & Media
(NPA level 6)
Creative Industries: Acting & Performance (NPA
Level 6)
Creative Industries: Professional Theatre
Preparation (NPA Level 6)

Maths (Mr Webster)

Maths (N5, Higher, AH)
Applications of Maths (N3, N4, N5)

Science (Miss Cunningham)

Biology (N3 to AH)
Human Biology (Higher)
Chemistry (N3 to AH)
Physics (N3 to AH)
Practical Science (NPA Level 5)
Laboratory Science (N5)
Applied Science (NC Level 5)

Art and Craft Design Technologies (Mr Thomson)

Art & Design (N3 to AH)
Photography (NPA Levels 4 and 5)
Design & Manufacture (N4 to AH)
Graphic Communication (N4 to AH)
Practical Metal Working (N4, N5)
Practical Woodworking (N4, N5)

Business and IT (Mrs Knox)

Administration & IT (N3 to Higher)
Business Management (N3 to Higher)
Computing Science (N3 to Higher)
Data Science (NPA Levels 4-6)

Other Courses

Construction Skills (N4, NPA Level 5)
Hairdressing and Beauty Skills (N4, N5)
Work Based Learning leading to Apprenticeships -
S5/6 ONLY
Cycle Mechanics (City & Guilds Level 2) – S5/6
ONLY

Health and Wellbeing (Mr Foley)

Early Education and Child Care (N4, N5)
Fashion and Textiles Technology (N4 to Higher)
Health and Food Technology (N4 to Higher)
Hospitality (N4, N5)
Hospitality: Practical Cake Craft (N5)
Physical Education (N4 to Higher)
Sport and Recreation (N5)
Dance (N5, NPA Level 5)

Expressive Arts (Mrs McLeod)

Drama (N3 to Higher)
Music Performing (N3 to AH)
Music Technology (N3 to Higher)
Music and Wellbeing (NPA Level 6)

Foundation Apprenticeships (S5 Only)

Business Skills*
IT Software Development*
Social Services (Children & Young People)*
Accountancy
Engineering
Financial Services
Civil Engineering
Creative & Digital Media
Food & Drink Technology
Scientific Technologies

**delivered within a Midlothian School*

School College Partnership Courses

There are a number of College courses delivered at
Edinburgh College open to S4/5/6 pupils.
See Miss Philp for more details.

Please speak to the appropriate member of staff
or Curricular Leader for more information