



PATHWAYS BOOKLET

For pupils in S3 choosing their subjects in S4

'Achieve Excellence'

2025-26

S4 PATHWAYS: WHAT WILL I STUDY?

- All students will study English, Maths and Skills For Life (which consists of 1 period of RME/Learner Journey (there is a switch through the year), and 2 Periods of PE) so they do not appear on the Form.
- Please select your FIVE choices and a reserve for study in 2025/26. All pupils study English and Maths so these do not appear on the form.
- Think carefully about your priorities –Select 5 subjects and choose a reserve (R). We always work hard to ensure pupils achieve their choices, but we cannot guarantee them.
- The mock Microsoft Form deadline is Wednesday 22nd January. This will be used to inform our final options form.
- Options interviews will take place with pupils/parents/guidance from the 29th January for 2 weeks.
- **The final deadline for our S4 options form will be by WEDNESDAY 12TH FEBRUARY 2025**
- Final Forms will be checked by Guidance in Learner Journey classes on 23rd and 24th February
- Remember, we can't change your choices until the new timetable comes out. We create your timetable round choices, so if you want to change, we can't guarantee this will happen.
- Choices are final until the new timetable is ready. No changes will be considered until then. You may not get the change you request.

We have also added some key terms that are important for you to understand.

N = National Level

H = Higher Level

AH = Advanced Higher Level

NPA = National Progression Award

The following link should help explain the key terms and the progression of levels: <https://scqf.org.uk/about-the-framework/interactive-framework/>

What are the different levels of study?

NPAs = National Progression Awards

NPAs are available in a variety of sectors, from construction and childcare to areas such as Digital Literacy and Social Software. They are aimed at assessing a defined set of skills and knowledge in specialist vocational areas. These are available to study at various levels from 3-6 and sit within the SCQF framework.

National 4

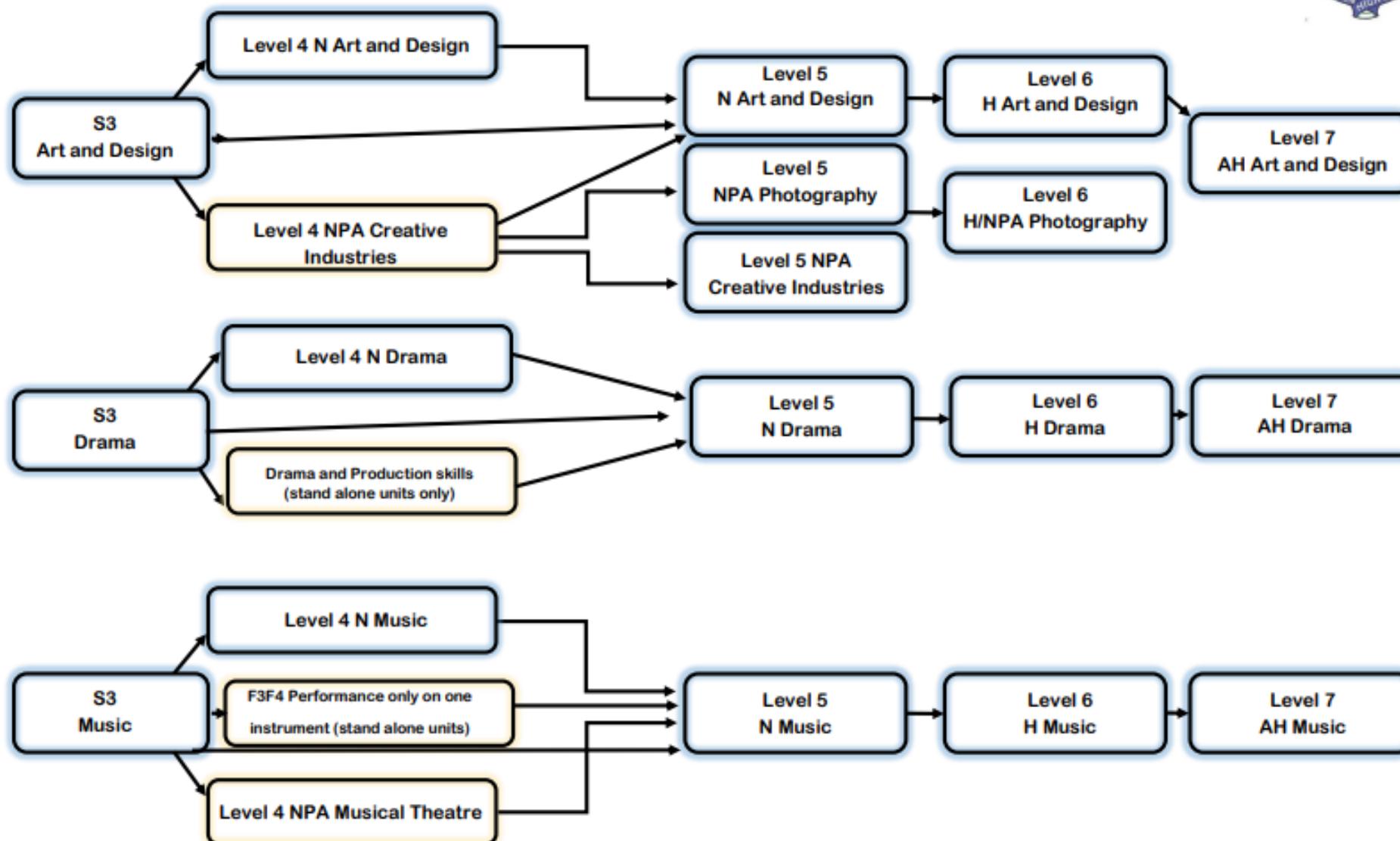
National 4 courses are made up of units, including an added value unit which assesses learner's performance across the course. The units are assessed pass or fail by a teacher/lecturer and learners need to pass units including the added value unit to achieve the qualification.

National 5

These courses are assessed through an exam or coursework or both, most of which will be marked by the SQA. In some subjects the coursework is marked by a teacher/lecturer.

The courses are graded A to D or 'No Award'. These courses are the best option, in most cases, for progression to university and further study.

SENIOR PHASE PATHWAYS EXPRESSIVE ARTS



COURSE	Art and Design National 4/5
What will I cover?	<p>The course aims to reflect the working methods of artists and designers. It involves individual study on the part of each student in gathering references and generating ideas for further consideration as well as the production of final works.</p> <p>The intention of the course is to develop students' creative abilities through a range of media and technology, and also to develop knowledge, understanding and appreciation of the work of artists and designers.</p> <p>The course is made up of two elements; expressive and design with each occupying half the available time.</p> <p>Expressive Activity allows students the opportunity to develop skills by investigation, observation and analysis through drawing, photography and collecting visual information. Ideas, thoughts and feelings can then be explained visually leading to a final work in drawing, painting, sculpture or print-making. Alongside the practical work pupils will explore artists working in a related field and the factors and influences which affect their work.</p> <p>Design Activity involves responding to a brief based on a real life need or request by investigating various ways of developing a solution to the problem set and then producing the most suitable outcome in one of many forms – graphics; ceramics; product design; textile printing; jewellery; packaging; fashion; interior design; illustration. Students follow a design process which combines creativity with function, from the initial brief to the finished product. Through the study of designers who work in a related area, pupils will examine the influences and impact of their designs and the role of the designer in society.</p>
External Assessments	<p>Course assessment consists of a folio of expressive and design work and a written exam paper based on the work of artists and designers.</p> <p>The breakdown of the course assessment is: Expressive and Design practical folio 80% Written exam (1 hr 30 mins) 20%</p>
Homework	Gathering research material, producing written assignments, developing a sketchbook for drawings and ideas – these can be expected as homework of 2 hours per week.
Entry Requirements	For entry to the National 5 course candidates should have studied S3 Art and Design
Attainment	National 4 or 5 Art & Design
Progression	Higher Art and Design
Information from	Ms MacBeth

COURSE	Creative Industries Junk Kouture NPA Level 5
What will I cover?	<p>Introduction Unit: This unit introduces pupils to different sectors of the creative industries and the career paths, job roles and responsibilities of those working within the industry. In this unit pupils will work on practical tasks such as gathering industry and career information, matching their career interests to job requirements and evaluating their personal employability skills for the creative industries.</p> <p>Skills Development Unit: The aim of this unit is to allow pupils the opportunity to practise and develop their craft and improve practical and employability skills associated with a chosen job role in the creative industries. Pupils will be required to set targets, plan and use a variety of approaches to develop their practical skills in a creative working environment.</p> <p>The Creative Process Unit: This unit will provide pupils with an understanding of the key stages of a creative process. Pupils will be given a brief to interpret and they will contribute their own creative ideas to an overall team response. Pupils will be encouraged through discussion to explore different solutions to the given brief. They will work collaboratively to prepare and present a team response to the given brief. At this stage, pupils will have the opportunity to evaluate the team response to the brief.</p> <p>Creative Project Unit: This unit is based on primarily practical exploration carried out in a creative context. Pupils will work as part of a team throughout the planning and implementation of a creative project to a given brief. This unit will give pupils the opportunity to develop their creativity alongside developing key employability skills such as working with others and problem solving.</p>
Assessment	Course Assessment consists of four internal marked and verified units. No external practical or written component
Homework	Gathering research material, producing written assignments, collecting and creatively manipulating recycled materials – around 1 hour per week
Attainment	Level 4 or 5 NPA Creative Industries
Entry Requirements	Studied a creative subject in S3
Information from	Ms MacBeth

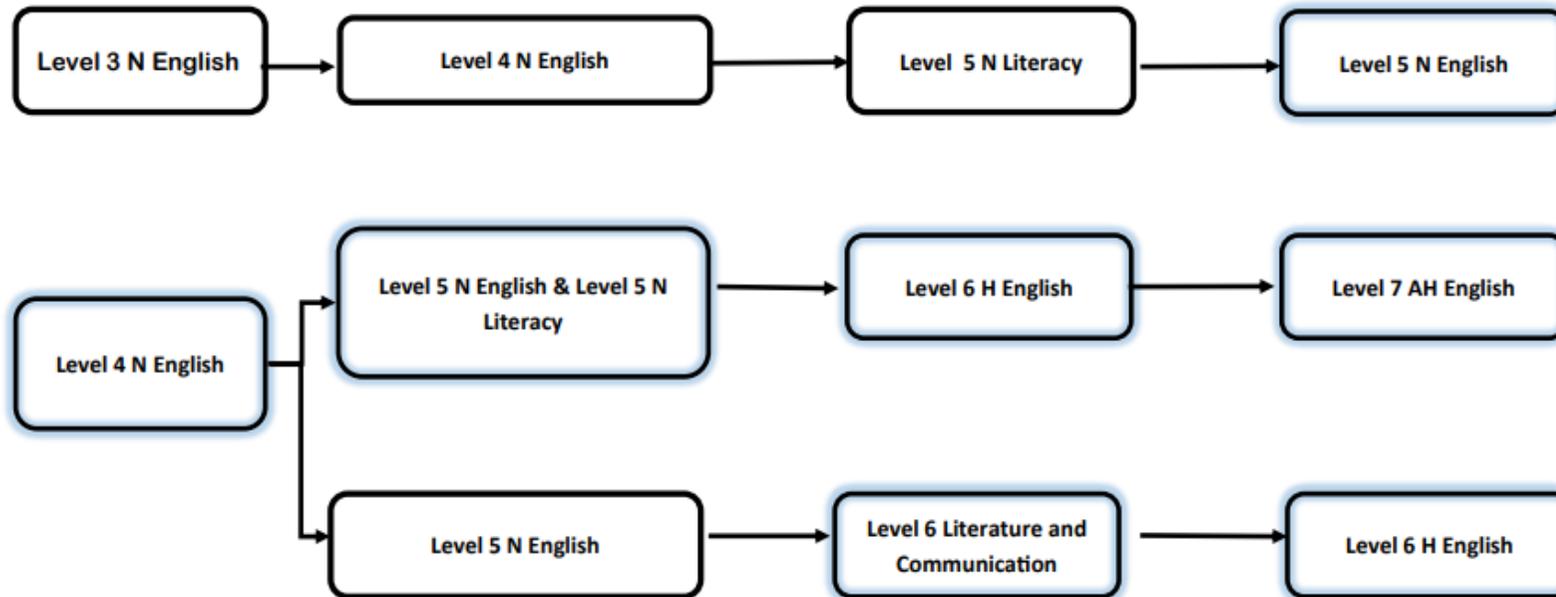
COURSE	Drama National 4/5
What will I cover?	<p>The Course provides opportunities for learners to be inspired and challenged by exploring dramatic ideas in creating and appreciating drama. It is practical and focuses on the development of performance skills, using theatre arts and technologies to create drama.</p> <p>The Course has 2 mandatory units:</p> <p>Drama Skills This Unit helps learners explore and develop dramatic techniques and ways of communicating ideas to an audience. They will learn how to respond to text, stimulus and context. They will also learn how to interpret role and character.</p> <p>Production Skills This Unit helps learners to investigate theatre arts, production and technologies and learn how to apply problem solving skills in order to create and design basic production concepts. They will create and present drama and learn how to appreciate stage and performance styles, considering social and cultural influences.</p>
Assessment	Learners must pass all of the required units. In addition, there is an external exam paper worth 60% and a practical performance worth 40% of the overall marks.
Homework	Homework will vary depending on the units being covered. There is an expectation that students will go over their class work regularly to consolidate learning. Preparation for assessments will also form part of the homework for the course. Homework activities will last between 30 and 60 minutes each week.
Entry Requirements	Drama studied in S3
Attainment	National 4 or 5 Drama
Progression	Higher Drama
Information from	Ms MacBeth

COURSE	Music National 4/5
What will I cover?	<p>Music: Composing Skills – learners will develop a range of skills in composing, arranging or improvising in order to create their own original music.</p> <p>Understanding Music – learners will develop a knowledge and understanding of music, a range of music concepts and musical literacy.</p> <p>Music: Performing Skills – through regular practice/rehearsal and reflection, learners will develop a range of technical and musical performing skills on their chosen instrument(s)/voice while exploring a variety of music.</p>
Assessment	Learners must pass all the required units. 50% for performing (25% each instrument), 35% for understanding music and 15% for the composition/assignment which is externally marked.
Homework	Homework activities should be about 60 minutes each week, incorporating home practice.
Entry Requirements	Music studied in S3
Attainment	National 4 or 5 Music
Progression	Higher Music
Information from	Ms MacBeth

SENIOR PHASE PATHWAYS ENGLISH

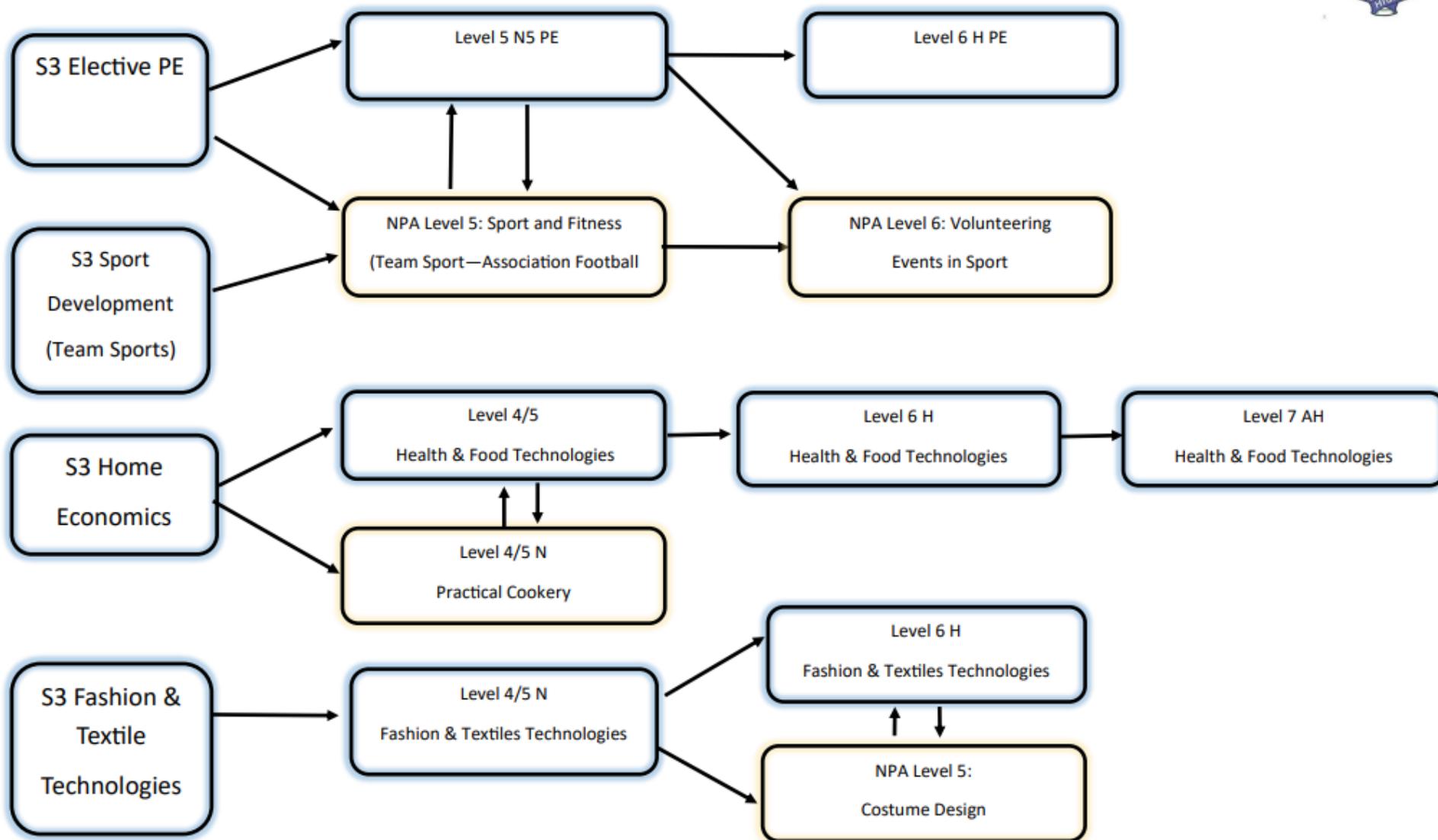


S3



COURSE	English National 4/5
What will I cover?	The English National 5 course aims to develop the ability of all young people to use and understand language effectively, independently and with confidence. There is an emphasis on the essential language skills associated with literacy and communication. The course includes the following mandatory assessments:
Assessment	<p>INTERNAL ASSESSMENTS</p> <p>Performance – Spoken Language. The purpose of the Performance – Spoken Language internal assessment is to provide evidence of talking and listening skills. This unit is assessed on a Pass/Fail basis. In this assessment candidates will: take part in a group discussion, or discussion-based activity, to which they contribute relevant ideas, opinions, or information, using detailed language. Candidates must take account of the contributions of others and stay focused on the topic or task.</p> <p>EXTERNAL ASSESSMENTS</p> <p>FOLIO – 30%: Over the course of the year, learners will produce a portfolio of writing focusing on producing broadly creative and broadly discursive pieces: pupils will select one piece of portfolio writing for final submission (15 marks). This is due for submission to the SQA at the end of February.</p> <p>EXAM – 70%</p> <p>Paper 1 Reading for Understanding, Analysis and Evaluation (30 marks): Questions on a detailed non-fiction text will require learners to demonstrate their understanding, analysis and evaluation skills.</p> <p>Paper 2 Critical Reading (This paper has two Sections, each worth 20 marks)</p> <p>Section A: Critical Essay. Learners will answer one question and will respond by writing an essay on a previously studied text.</p> <p>Section B: Scottish Texts. Questions on an extract from a previously studied Scottish text will be answered by learners.</p>
Homework	Pupils can expect an hour of English homework per week. This will allow personalised opportunities to independently consolidate Reading and Writing skills.
Attainment	National 4 or National 5 English and National 5 Literacy
Entry Requirements	Level 4 in the Broad General Education or National 4 English
Progression	Literature and Communication Level 6 or Higher English
Information from	Ms McDougal or Mr Mitchell

SENIOR PHASE PATHWAYS HEALTH & WELLBEING



COURSE	Health & Food Technology National 4/5
What will I cover?	<p>We focus on health and the nutritional properties of food as well as developing safe, hygienic and informed practices in food preparation. It raises learners' awareness of the importance of a balanced diet and healthy lifestyle. The course also develops learners' knowledge and skills so they can become informed consumers.</p> <p>There are 3 main units:</p> <p>Health and Food Technology: Food for Health This unit develops basic knowledge of health, nutrition, dietary needs and advice, as well as lifestyle choices and their impact on health.</p> <p>Health and Food Technology: Food Product Development This unit allows learners to participate in practical activities that demonstrate the functional properties of food and its uses.</p> <p>Health and Food Technology: Contemporary Food Issues This unit allows learners to participate in activities to develop an awareness of current factors affecting food, lifestyle and wider consumer choices.</p>
Assessment	<p>Pupils will be assessed through a combination of an assignment and a question paper. This question paper will give learners an opportunity to demonstrate the following knowledge, understanding and skills:</p> <ul style="list-style-type: none"> • Evaluating the relationship between health, food and nutrition • Understanding the practical application of the functional properties of food • Analysing a range of contemporary issues influencing food choice
Homework	<p>Homework is integral to the course, and pupils will be given a variety of tasks. Pupils should expect to spend, on average, one hour per week on Health and Food Technology. In addition, pupils will be expected to revise work and regularly practice cooking dishes of increasing complexity at home.</p>
Attainment	National 4 or 5 Health & Food Technology
Entry Requirements	Studied S3 Health and Food Technology
Progression	Higher Health and Food Technologies
Information from	Mr Patterson

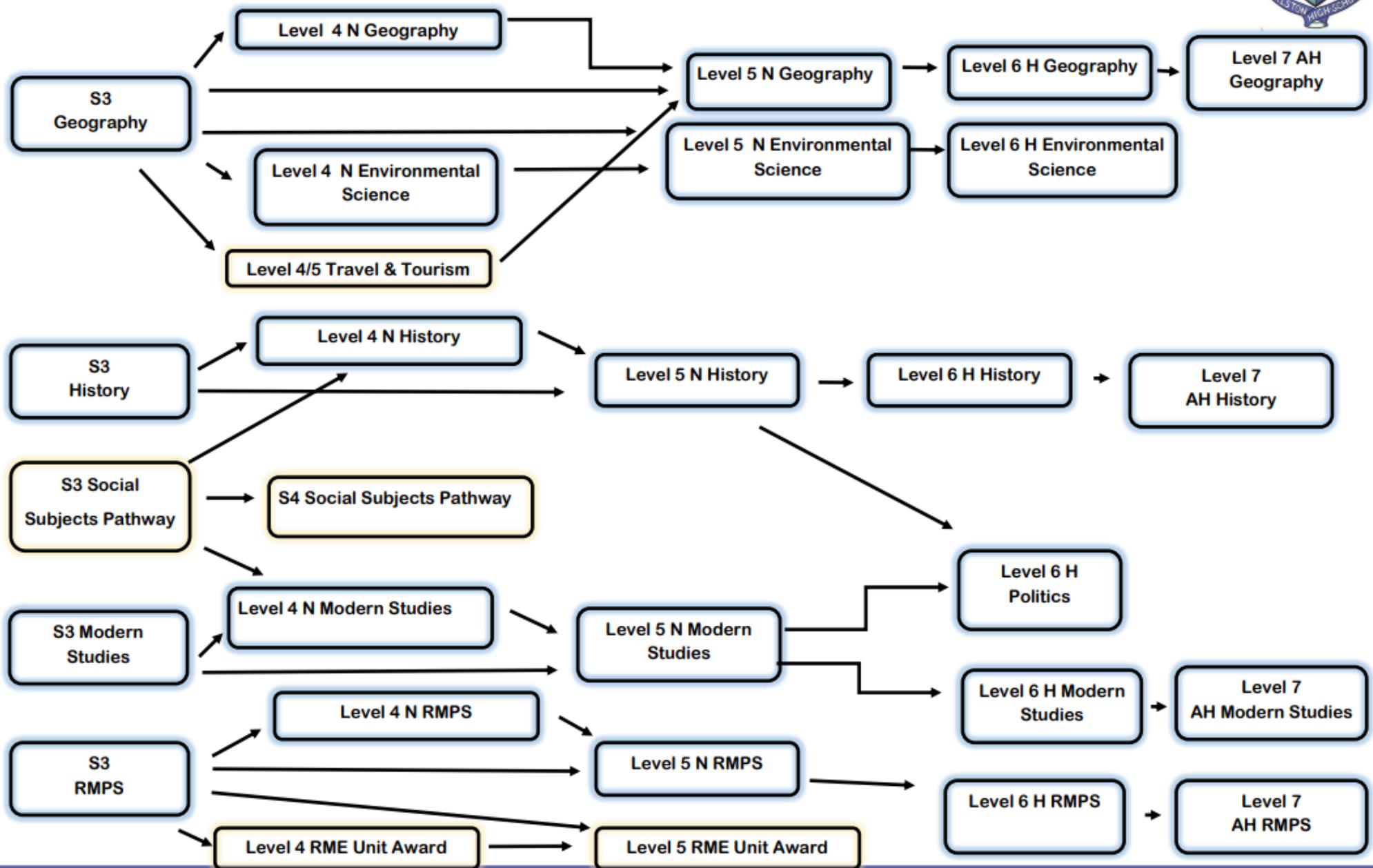
COURSE	Fashion & Textiles Technology National 4/5
What will I cover?	<p>This is a practical course and aims to provide the development of techniques and skills required for textile production, retail and the fashion industry. The aims of the course are to enable learners to develop:</p> <ul style="list-style-type: none"> • A range of practical skills and textile construction techniques to plan and make fashion/textile items. • Knowledge and understanding of textile properties and characteristics. • Understanding a range of factors that influence fashion/textile choices. • The ability to set up, adjust and use relevant tools and equipment safely • Investigation and evaluation skills. <p>Lessons will be of a practical nature, building organisational techniques and complex sewing skills. You will have to complete a detailed plan, produce, and evaluate fashion/textile items in depth. You will learn about textile characteristics and properties, factors that affect fashion choices.</p>
Assessment	<p>Internal Assessment is based on:</p> <ul style="list-style-type: none"> • N4 Added Value Unit (pass/fail) • N5 textile item as part of a technological assignment. (50 marks) <p>External Assessment is based on:</p> <ul style="list-style-type: none"> • N5 written technological assignment (50 marks) • N5 question paper, which requires learners to apply breadth and depth of skills, knowledge and understanding from across the Course to answer questions in fashion • & textiles. (30 marks - 1 hour)
Homework	Pupils will be given a variety of tasks throughout the course. Pupils should expect to spend, on average, one hour per week on Fashion & Textiles homework tasks. In addition, pupils will be expected to revise work using course notes and past papers.
Attainment	National 4 or 5 Fashion & Textiles Technology
Entry Requirements	S3 Fashion & Textile Technology
Progression	NPA Costume Design, Fashion & Textile Technology Higher
Information from	Mr Patterson

COURSE	PE National 4/5
What will I cover?	<p>National 5 PE explores aspects around the cycle of analysis. This is where pupils investigate their performance and explore how to improve it.</p> <p>Pupils will experience this process through an intense 6-week training programme to improve Fitness and Communication as well as analysing each stage in classroom-based lessons.</p> <p>Pupils will experience at least 2 practical and 2 classroom-based lessons a week.</p>
Assessment	<p>This course is assessed in 2 parts. 50% of the final grade are awarded through the grading of 2 practical performances. The other 50% is assessed through a portfolio. This is ongoing throughout the year and draws on knowledge gained in classroom lessons.</p> <p>Practical performances will be based on 2 activities that are curriculum based and are able to be assessed at EHS.</p>
Homework	Pupils need to ensure their course work is up to date.
Attainment	National 4/ 5 PE
Entry Requirements	S3 PE (Elective)
Progression	<p>Higher PE</p> <p>NPA Level 5: Team Sports (Association Football)</p> <p>NPA Level 6: Volunteering Events in Sport</p>
Information from	Mr Patterson

COURSE	Practical Cookery National 4
What will I cover?	<p><u>Course Overview</u></p> <p>This Course aims to develop learners' life skills and enhance their personal effectiveness in terms of cookery and to provide a set of skills for those who wish to progress to further study in the hospitality context. In preparing learners for life, the course anticipates their future needs in that it enables them to learn how to prepare and cook food for themselves and others. It also develops their organisational skills, which have an application in a variety of contexts.</p> <p><u>The following three units will be covered throughout the course of the academic year:</u></p> <p>Unit 1 – Cookery Skills, Techniques & Processes (National 4) Unit 2 – Understanding & Using Ingredients (National 4) Unit 3 – Organisational Skills for Cooking (National 4) Added Value Unit: Producing a Meal (National 4)</p> <p><u>By the end of the course pupils will be able to:</u></p> <ul style="list-style-type: none"> • use a range of cookery skills food preparation techniques and cookery processes when following recipes • select and use ingredients to produce and garnish or decorate dishes • develop an understanding of ingredients and their uses and an awareness of responsible sourcing • develop an awareness of current dietary advice relating to the use of ingredients • work safely and hygienically
Assessment	<p>To achieve the National 4 Practical Cookery Course, learners must pass all of the required Units, including the Added Value Unit. The required Units are shown in the Course outline section. National 4 Courses are not graded. They can be assessed on an individual Unit basis or by using other approaches which combine the assessment for more than one Unit. They will be assessed on a pass/fail basis within centres.</p>
Homework	It is expected that for assessments revision takes place outside of class. This will be around 30 mins per week.
Attainment	Practical Cookery National 4
Entry Requirements	<ul style="list-style-type: none"> • National 3 Practical Cookery Course or relevant component Units • National 3 Health and Food Technology Course or relevant component Units • Studied Health & Food Technology in S3
Progression	Further study or qualifications in Hospitality/related areas, employment or training. Here is the link to explore some of the jobs within this sector: https://nationalcareers.service.gov.uk/job-categories/hospitality-and-food
Information from	Mr Patterson

COURSE	NPA Level 5: Team Sport (Association Football)
What will I cover?	<p>This course is fully delivered through football.</p> <p>Unit 1 – Participation & Performance</p> <p>Unit 2 – Sports Officiating and Organising</p> <p>Unit 3 – Sports Coaching Development</p>
Assessment	<p>There are three units available which must be completed to achieve the NPA. For some of the units, teamwork will be involved, but all candidates must play a full part as it is the work/contribution of everyone that will be assessed. The units are designed to underpin the knowledge and skills required by employers and are closely linked to the National Occupational Standards for each of the subject areas covered in the units. Units are as follows:</p> <ul style="list-style-type: none"> • Participation and Performance • Sports Officiating & Organisation • Sports Coaching Development
Homework	Pupils need to ensure their course work is up to date.
Attainment	NPA Level 5: Team Sports (Association Football)
Entry Requirements	S3 Sport Development (Team Sports)
Progression	<p>National 5 PE</p> <p>NPA Level 6: Volunteering Events in Sport</p>
Information from	Mr Patterson

SENIOR PHASE PATHWAYS HUMANITIES



COURSE	Geography National 4/5
What will I cover?	<p>Geography encourages learners to develop important attitudes including an open mind, respect for the values, beliefs and cultures of others and a sense of responsibility and global citizenship. It aims to develop learners understanding of our changing world and its human and physical process at a local, national and international level. Practical activities such as fieldwork are encouraged so that learners can interact with their environment.</p> <p>Topics will include:</p> <p>Physical Environments Limestone Landscapes; River Landscapes; Weather; Land Use types and conflict between them (e.g. recreation and tourism, renewable energy).</p> <p>Human Environments The differences between More and Less Developed Countries including Population, Cities and Shanty Towns and Rural Landscapes (including agriculture).</p> <p>Global Issues Two global issues will be studied. These are:</p> <ul style="list-style-type: none"> •Tourism – a look at mass and eco-tourism including causes, impacts and management strategies. •Health – a look at a selection of world diseases including AIDS, Heart Disease and Malaria and strategies adopted to manage these. <p>Skills developed will include mapping, research, fieldwork and the extraction, interpretation and presentation of graphical information.</p>
Assessment	<p>There is research-based course assignment based on local area fieldwork which will be written up in school time – 20% of the final grade</p> <p>There is a final exam set by the SQA which lasts 2 hours 20 minutes</p>
Homework	Regular homework will be given. This may take the form of written tasks, ICT and research, further reading and revision.
Attainment	National 4 or National 5 Geography
Entry Requirements	Having studied S3 Geography
Progression	<p>Higher Geography</p> <p>Higher Environmental Science</p> <p>National 4 or 5 Travel & Tourism</p>
Information from	Mrs Grant

COURSE	History National 4/5
What will I cover?	<p>The course consists of three units:</p> <p>Unit 1 – The Era of the Great War 1910-1928 A study of the experiences of Scots in The Great War and its impact on life in Scotland.</p> <p>Unit 2 – Changing Britain 1760-1914 A topic examining the social, economic and political developments that transformed life across Britain between 1760 and 1900 including the birth of the railway system and life in the coal mines.</p> <p>Unit 3 – Hitler and Nazi Germany 1919-1939 A study of the rise to power of Hitler and The Nazis and how it impacted on aspects of German life 1919-1939.</p>
Assessment	<p>Internal Assessment We will prepare for the exam with an assessment on each topic.</p> <p>External assessment An 80 mark, 2 hour 20 minute exam paper testing knowledge and skills. An added value essay written up in exam conditions in 1 hour. This is out of 20 marks and makes up 20% of the overall award.</p>
Homework	Homework will be issued on a regular basis. Homework should last about an hour per week and may include specific activities, completion of classwork, consolidation of learning and revision.
Attainment	National 4 or 5 History
Entry Requirements	Having studied S3 History
Progression	Higher History National 4 or 5 Travel & Tourism
Information from	Mrs Grant

COURSE	Modern Studies National 4/5
What will I cover?	<p>The Course has 3 mandatory units:</p> <p>Democracy in Scotland and the United Kingdom Learners will develop a straightforward knowledge and understanding of democracy in Scotland. They will develop knowledge and understanding of the UK political structure including the place of Scotland within this and the debates around this arrangement.</p> <p>Social Issues in the United Kingdom Learners will develop knowledge and understanding of social issues in the United Kingdom, through studying the topic of Crime and the Law.</p> <p>International Issues The study of a significant world power will focus on contemporary socio-economic issues and a study of its political system. The world power we use to undertake this task is the USA.</p>
Assessment	<p>Internal Assessment We will prepare for the exam with 2 assessments on each topic.</p> <p>External assessment An 80 mark, 2 hour 20 minute exam paper testing knowledge and skills. An added value essay written up in exam conditions in 1 hour. This is out of 20 marks and makes up 20% of the overall award.</p>
Homework	<p>Homework will be issued on a regular basis and pupils are urged to regularly view topical programmes and read quality newspapers. Homework should last about an hour per week and may include specific activities, completion of classwork, consolidation of learning and revision.</p>
Attainment	National 4 or 5 Modern Studies
Entry Requirements	Having studied S3 Modern Studies
Progression	<p>Higher Modern Studies Higher Politics National 4 or 5 Travel & Tourism</p>
Information from	Mrs Grant

COURSE	Religious Moral and Philosophical Studies National 4/5
What will I cover?	<p>The Course has 3 mandatory units:</p> <p>World Religion: In this unit, learners will develop skills to describe and comment on the meaning and context of sources related to the religion selected for study. They will develop straightforward knowledge and understanding of the impact and significance of religion today through studying some key beliefs, practices and sources found within Judaism and the contribution these make to the lives of followers. To enhance the pupils experience and learning we plan to visit the Synagogue in Edinburgh where there will be an opportunity to learn from representatives of this faith community.</p> <p>Morality and Belief: In this unit, learners will develop skills to describe and express views about contemporary moral questions and responses. They will develop straightforward knowledge and understanding of contemporary moral questions and religious and non-religious views. Pupils will study Morality, Medicine and the Human Body. We will be inviting guest speakers in to give students the chance to deepen their understanding of the debate surrounding these issues.</p> <p>Religion and Philosophical questions: In this unit, learners will develop skills to describe religious and philosophical questions and responses. They will develop straightforward knowledge and understanding of these. Students will study the problem of Evil and Suffering.</p>
Assessment	Pupils are graded out of 100 marks. Pupils will sit a 2 hour 20 minute exam worth 80 marks covering work from the three mandatory units. The remaining 20 marks will come from the assignment.
Homework	Homework will be issued on a regular basis. Homework should last about an hour per week and may include specific activities, completion of classwork, consolidation of learning and revision.
Attainment	National 4 or 5 RMPS
Entry Requirements	Having studied S3 RMPS
Progression	Higher RMPS National 4 or 5 Travel & Tourism
Information from	Mrs Grant

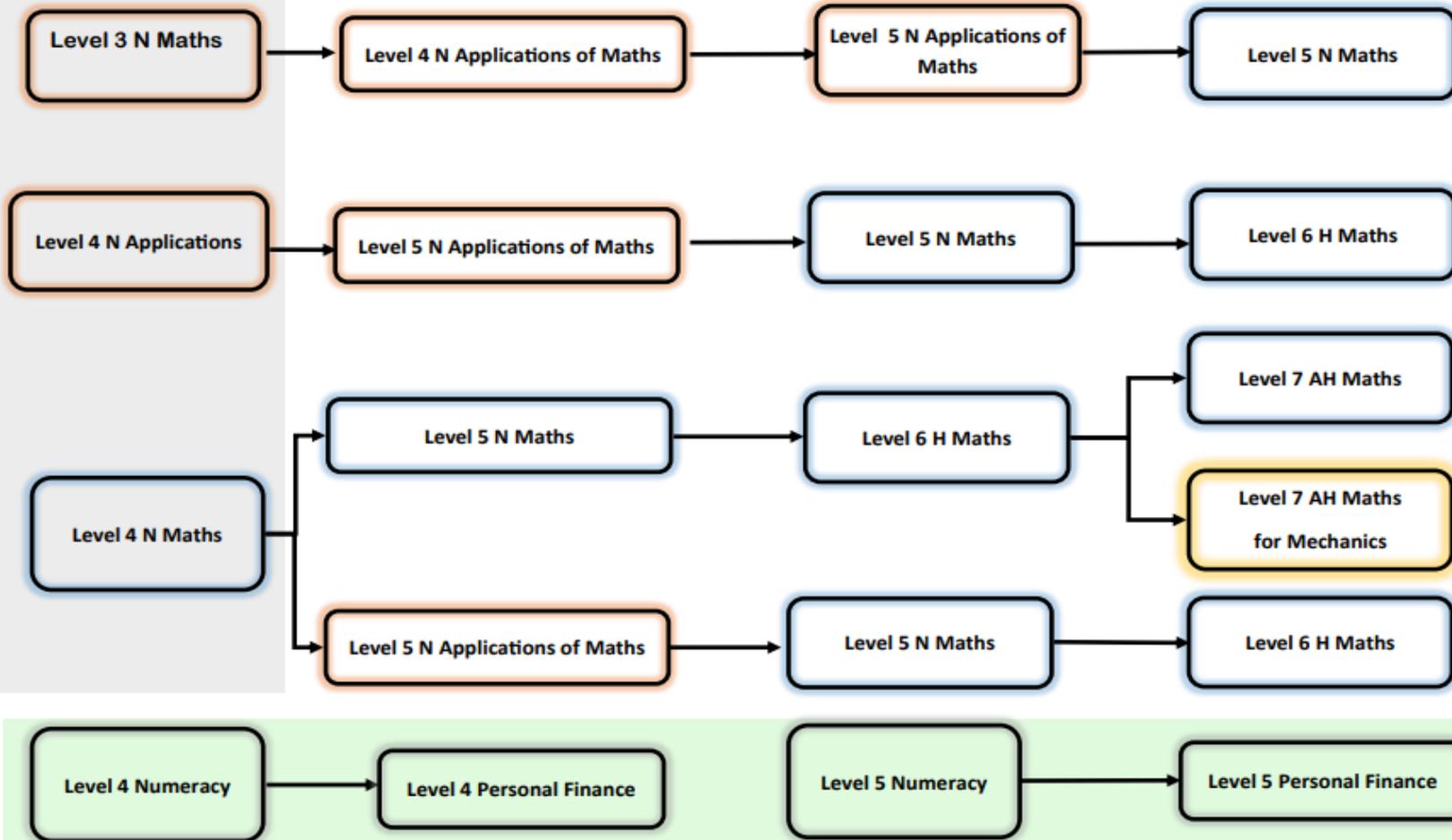
COURSE	S4 Social Subjects Pathway N4
What will I cover?	<p>In the Level 4 Social Subjects Pathway students will develop a knowledge and understanding of the world by learning about key historical events affecting people in the past, as well as developing as global citizens by learning about key contemporary issues in the modern world.</p> <ul style="list-style-type: none"> • A World Issue – What happened in Nazi Germany? • A British Issue – How people got the vote? • A Scottish Issue – Impact of WWI on Scotland? • A contemporary international issue- Terrorism in the 21st century • A contemporary social issue – An introduction to Crime and the Law in the UK • A contemporary political issue – Democracy in Scotland <p>Depending on staffing there may be a section on Geography or RMPS. This would look at different features of the landscape, differences between more and less developed countries and a global issue.</p>
Assessment	Pupils will be internally assessed across the 2 National 4 subjects. They will have to pass 3 Unit assessments in each subject and an Added Value project
Homework	Homework will be issued on a regular basis. Homework should last about an hour per week and may include specific activities, completion of classwork and revision.
Attainment	2 x National 4 Awards in History & Modern Studies
Entry Requirements	Having studied a Humanities subject in S3 S3 Social Subjects Pathway
Progression	National 5 History National 5 Modern Studies National 5 Geography National 5 RMPS National 4 or 5 Travel & Tourism
Information from	Mrs Grant

COURSE	Travel & Tourism National 4/5
What will I cover?	<p>Although this course has a focus on the Travel and Tourism industry, it also allows learners to develop a range of skills which will benefit them in the world of work in general. There is an emphasis on an understanding of the workplace and enhancing positive skills and attitudes for employability. Learning takes place through simulated workplace settings, role play activities in a vocational context, case study work, practical tasks and assignments.</p> <p>The course is divided into 4 units:</p> <p>Employability Learners will develop the necessary skills to become effective employees in the industry, identifying the qualities identified by employees. This Unit will introduce different functions of organisations and employment opportunities.</p> <p>Customer Service Learners will develop skills and knowledge to meet the needs of customers and develop their communication skills.</p> <p>Scotland This focuses on tourist destinations in Scotland and investigates the positive and negative impact of tourism.</p> <p>UK and Worldwide This investigates tourist destinations in the UK, the rest of Europe and long haul. You will learn about trends and different destinations. You will also learn the skills to effectively plan the transport, accommodation and activities for a holiday to cater for a variety of customer needs.</p>
Assessment	There is no exam at the end of this course for National 4 or 5. You will be assessed throughout the year to gather evidence and work will be marked as a pass/fail. You must successfully complete each unit to achieve the course award.
Attainment	National 4 or 5 Travel & Tourism
Entry Requirements	Having studied a Humanities subject in S3. Level 4 or 5 in a Humanities subject (History, Geography, Modern Studies or RMPS) or equivalent.
Progression	National 4 or 5 in another Humanities subject
Information from	Mrs Grant



SENIOR PHASE PATHWAYS MATHEMATICS

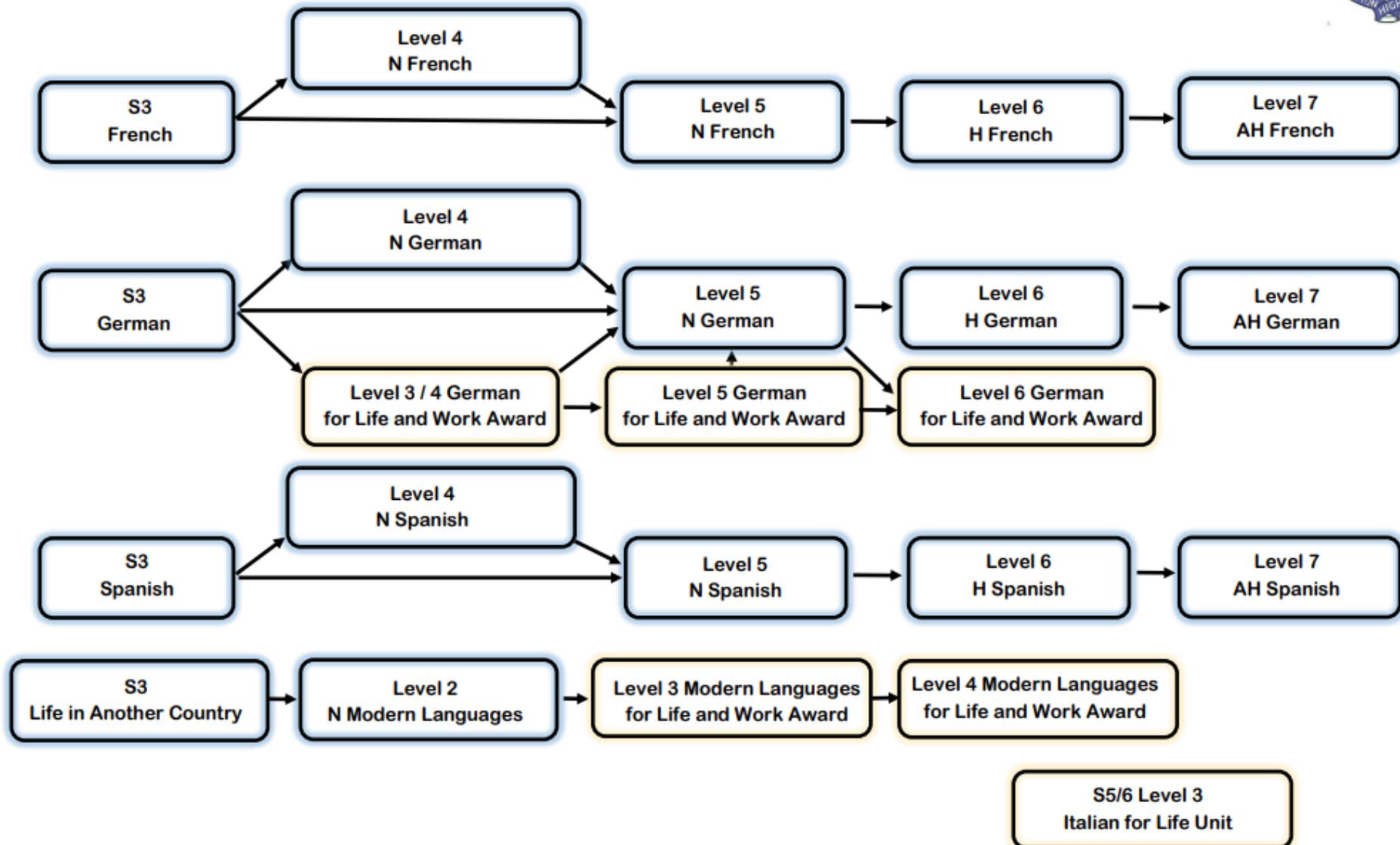
S3



COURSE	Mathematics National 5
What will I cover?	<p>Throughout this course, candidates acquire and apply operational skills necessary for developing mathematical ideas through symbolic representation and diagrams. They select and apply mathematical techniques and develop their understanding of the interdependencies within mathematics. Candidates develop mathematical reasoning skills and gain experience in making informed decisions.</p> <p>Students will study the following units: Expressions and Formulae, Relationships and Applications.</p> <p>Topics covered: Factorising and simplifying, area and volume, straight lines, vectors, statistics, quadratics, equations and inequations, further trigonometry, similarity, surds and indices.</p>
Assessment	There is an external examination covering all three units at the end of the course.
Homework	Students should expect homework after each lesson and at the end of each learning outcome.
Attainment	Maths National 5
Entry Requirements	Having achieved National 4 Maths in S3
Progression	Higher Mathematics
Information from	Mr Shaw

COURSE	Computing National 4/5
What will I cover?	<p>In National 4 we will be:</p> <ul style="list-style-type: none"> • Applying aspects of computational thinking across a range of contexts • analysing problems within computing science across a range of contemporary contexts designing, implementing and testing, with guidance, digital solutions (including computer programs) to problems across a range of contemporary contexts • developing skills in computer programming and the ability to communicate how a program works by being able to read and interpret code • communicating basic understanding of key concepts related to software design and development and information system design and development clearly and concisely, using appropriate terminology • knowledge of the impact of contemporary software-based applications on the environment or society <p>In National 5 you will learn:</p> <ul style="list-style-type: none"> • Software design and development • Computer systems • Database design and development • Web design and development
Assessment	There are internal assessments for those completing National 4 while in those in National 5 will sit an external exam.
Attainment	National 4 or National 5 in Computing Science
Entry Requirements	National 3 Numeracy is required
Progression	Higher Computing
Information from	Mr Shaw

SENIOR PHASE PATHWAYS MODERN LANGUAGES



COURSE	French National 4/5								
What will I cover?	This course will provide you with the opportunity to develop your reading, listening, writing and talking skills in French through the contexts of society, learning, employability and culture. You will develop a deeper understanding of the language in practical and relevant contexts, improve your communication skills and explore the life, culture, traditions and customs in some French speaking countries.								
Assessment	<p>National 4 To pass National 4 French you must pass an assessment in each of the four skills of reading, listening, writing and talking. There is no external exam for National 4 French.</p> <p>National 5 Course Assessments</p> <table style="margin-left: 100px;"> <tr> <td>Reading and Job Application Writing</td> <td>50 marks</td> </tr> <tr> <td>Listening</td> <td>20 marks</td> </tr> <tr> <td>Assignment Writing</td> <td>20 marks</td> </tr> <tr> <td>Talking</td> <td>30 marks</td> </tr> </table> <p>The assignment writing and talking assessment are completed with your class teacher throughout the year. The reading, job application writing and listening assessments take place at the end of the year during the main SQA exams.</p>	Reading and Job Application Writing	50 marks	Listening	20 marks	Assignment Writing	20 marks	Talking	30 marks
Reading and Job Application Writing	50 marks								
Listening	20 marks								
Assignment Writing	20 marks								
Talking	30 marks								
Homework	Learning new words, phrases and structures is an important part of learning a language. You will be expected to revise your class work regularly at home to consolidate your learning. Homework tasks will be set throughout the year and preparation for some assessments will take place in class as well as at home.								
Attainment	National 4 or National 5 French								
Entry Requirements	<p>National 4 You should have good understanding of the work covered in French in S3.</p> <p>National 5: You should have a very good understanding of the work covered in French in S3 or if you completed the National 4 French course, you should have done very well in all the assessments.</p>								
Progression	National 4 French to National 5 French and National 5 French to Higher French								
Information from	Miss Feeney								

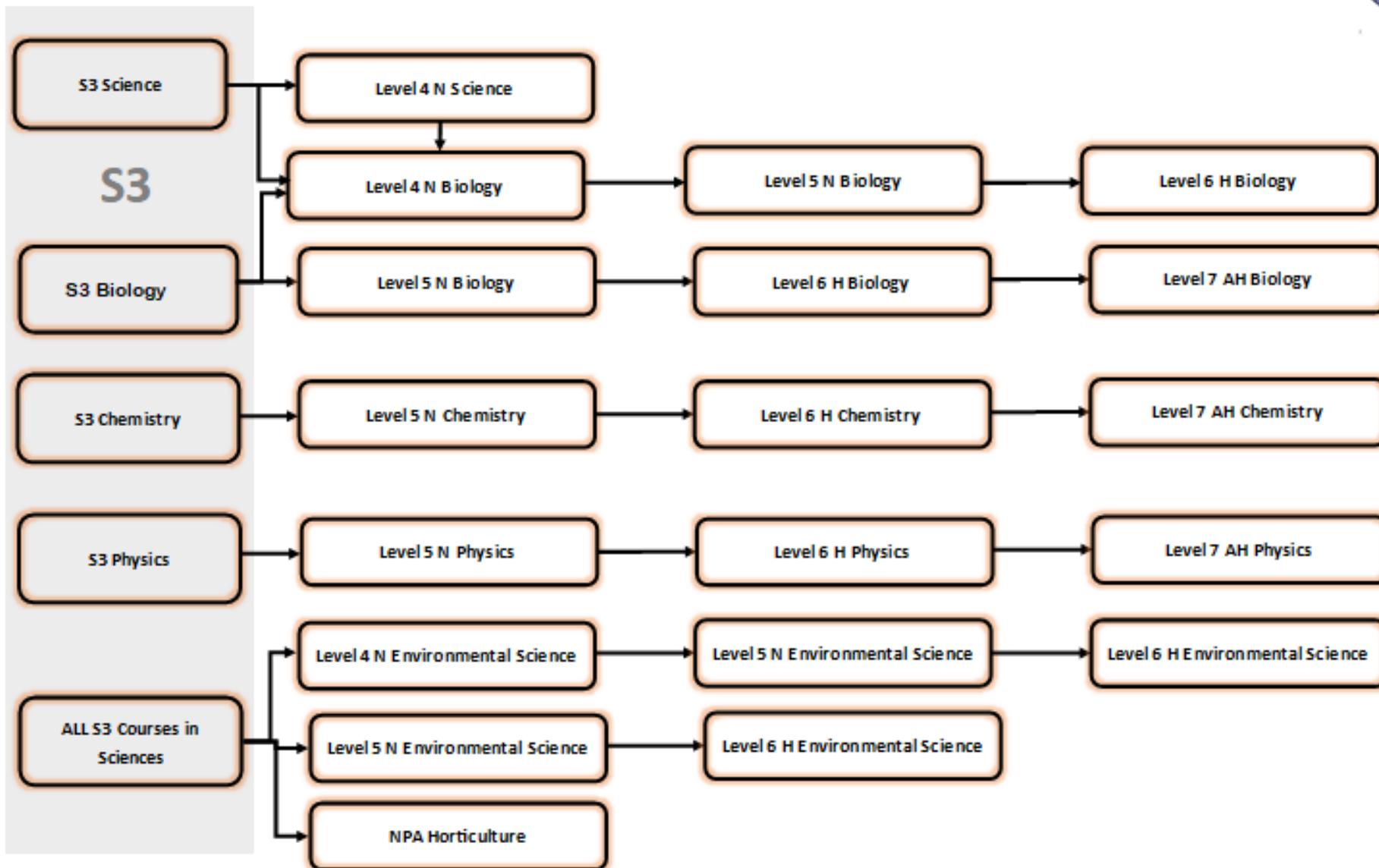
COURSE	German National 4/5								
What will I cover?	This course will provide you with the opportunity to develop your reading, listening, writing and talking skills in German through the contexts of society, learning, employability and culture. You will develop a deeper understanding of the language in practical and relevant contexts, improve your communication skills and explore the life, culture, traditions and customs in some German speaking countries.								
Assessment	<p>National 4 To pass National 4 German you must pass an assessment in each of the four skills of reading, listening, writing and talking. There is no external exam for National 4 German.</p> <p>National 5 Course Assessments</p> <table style="margin-left: 100px;"> <tr> <td>Reading and Job Application Writing</td> <td>50 marks</td> </tr> <tr> <td>Listening</td> <td>20 marks</td> </tr> <tr> <td>Assignment Writing</td> <td>20 marks</td> </tr> <tr> <td>Talking</td> <td>30 marks</td> </tr> </table> <p>The assignment writing and talking assessment are completed with your class teacher throughout the year. The reading, job application writing and listening assessments take place at the end of the year during the main SQA exams.</p>	Reading and Job Application Writing	50 marks	Listening	20 marks	Assignment Writing	20 marks	Talking	30 marks
Reading and Job Application Writing	50 marks								
Listening	20 marks								
Assignment Writing	20 marks								
Talking	30 marks								
Homework	Learning new words, phrases and structures is an important part of learning a language. You will be expected to revise your class work regularly at home to consolidate your learning. Homework tasks will be set throughout the year and preparation for some assessments will take place in class as well as at home.								
Attainment	National 4 or National 5 German								
Entry Requirements	<p>National 4 You should have good understanding of the work covered in German in S3.</p> <p>National 5: You should have a very good understanding of the work covered in German in S3 or if you completed the National 4 German course, you should have done very well in all the assessments.</p>								
Progression	National 4 German to National 5 German and National 5 German to Higher German								
Information from	Miss Feeney								

COURSE	German For Life & Work Award Level 3/4/5
What will I cover?	<p>This course will provide you with the opportunity to develop your reading, listening, writing and talking skills in German in practical and relevant contexts. You will improve your communication, employability and leadership skills, while also deepening your awareness of the life, culture, traditions and customs in some German speaking countries. The language skills you gain will be applicable to everyday life and the world of work.</p> <p>The course consists of three units: German for Life, German for Work Purposes and Employability / Leadership skills.</p>
Assessment	<p>To achieve the award, you must pass internal assessments in reading, listening, writing and talking in German. You must also pass a unit on employability skills or leadership skills, depending on the level you are working at. This unit will be completed in English.</p> <p>The course will be assessed by your teacher throughout the year.</p> <p>There is no external exam for the German for Life and Work Award.</p>
Homework	Homework will vary depending on the topics being covered. There is an expectation that you will revise your class work regularly at home to consolidate your learning. Preparation for assessments will also form part of the homework for the course.
Attainment	German for Life and Work Award – Level 3, 4 or 5 depending on level studied
Entry Requirements	You should have good understanding of the work covered in German in S3.
Progression	The next level up in the German for Life and Work Award or National 4 or National 5 German
Information from	Miss Feeney

COURSE	Spanish National 4/5								
What will I cover?	This course will provide you with the opportunity to develop your reading, listening, writing and talking skills in Spanish through the contexts of society, learning, employability and culture. You will develop a deeper understanding of the language in practical and relevant contexts, improve your communication skills and explore the life, culture, traditions and customs in some Spanish speaking countries.								
Assessment	<p>National 4 To pass National 4 Spanish you must pass an assessment in each of the four skills of reading, listening, writing and talking. There is no external exam for National 4 Spanish.</p> <p>National 5 Course Assessments</p> <table style="margin-left: 100px;"> <tr> <td>Reading and Job Application Writing</td> <td>50 marks</td> </tr> <tr> <td>Listening</td> <td>20 marks</td> </tr> <tr> <td>Assignment Writing</td> <td>20 marks</td> </tr> <tr> <td>Talking</td> <td>30 marks</td> </tr> </table> <p>The assignment writing and talking assessment are completed with your class teacher throughout the year. The reading, job application writing and listening assessments take place at the end of the year during the main SQA exams.</p>	Reading and Job Application Writing	50 marks	Listening	20 marks	Assignment Writing	20 marks	Talking	30 marks
Reading and Job Application Writing	50 marks								
Listening	20 marks								
Assignment Writing	20 marks								
Talking	30 marks								
Homework	Learning new words, phrases and structures is an important part of learning a language. You will be expected to revise your class work regularly at home to consolidate your learning. Homework tasks will be set throughout the year and preparation for some assessments will take place in class as well as at home.								
Attainment	National 4 or National 5 Spanish								
Entry Requirements	<p>National 4 You should have good understanding of the work covered in Spanish in S3.</p> <p>National 5: You should have a very good understanding of the work covered in Spanish in S3 or if you completed the National 4 Spanish course, you should have done very well in all the assessments.</p>								
Progression	National 4 Spanish to National 5 Spanish and National 5 Spanish to Higher Spanish								
Information from	Miss Feeney								

COURSE	Modern Languages National 2
What will I cover?	If you did the National 2 Life in Another Country course in S3, then this course will provide you with the opportunity to continue your work on this. You will have to opportunity to complete the other two National 2 units of work. You will continue to learn words and phrases to make the experience of travel and holidays more rewarding. The course will also include the study of life, culture, traditions and customs of countries where French, German and Spanish are spoken.
Assessment	To pass the course you must pass internal assessments in each of the four skills of reading, listening, writing and talking. There is no external exam.
Homework	You will be expected to revise the new words and phrases covered in class. Homework tasks will be set throughout the year and preparation for some assessments will take place in class as well as at home.
Attainment	National 2 Modern Languages
Entry Requirements	You should have completed the National 2 Life in Another Country course in S3.
Progression	Level 3 Modern Languages for Life and Work Award
Information from	Miss Feeney

SENIOR PHASE PATHWAYS SCIENCES



COURSE	Biology National 4
What will I cover?	<p>The Course has 3 mandatory units and an added value unit:</p> <p>Cell Biology The key areas covered are: cell division and its role in growth and repair, DNA, genes and chromosomes, therapeutic use of cells, properties of enzymes and use in industries, properties of microorganisms and use in industries, photosynthesis – limiting factors, factors affecting respiration, and controversial biological procedures.</p> <p>Multicellular Organisms The key areas covered are: sexual and asexual reproduction and their importance for survival of species, propagating and growing plants, commercial use of plants, genetic information, growth and development of different organisms, and biological actions in response to internal and external changes to maintain stable body conditions.</p> <p>Life on Earth The key areas covered are how animal and plants species depend on each other, impact of population growth and natural hazards on biodiversity, nitrogen cycle, fertiliser design and environmental impact of fertilisers, adaptations for survival, and learned behaviour in response to stimuli linked to species survival.</p> <p>Added Value Unit: Biology Assignment Learners will draw on and extend the skills they have learned from across the other Units, and demonstrate the breadth of knowledge and skills acquired, in unfamiliar contexts and/or integrated ways.</p>
Assessment	To pass National 4 Biology candidates must pass all of the mandatory units and the added value unit mentioned above. There is no external exam for National 4 Biology.
Homework	Homework will vary depending on the units being covered. There is an expectation that students will go over their class work regularly to consolidate learning. Preparation for assessments will also form part of the homework for the course.
Attainment	National 4 Biology
Entry Requirements	Having studied S3 Biology
Progression	National 5 Biology, National 4/5 Environmental Science
Information from	Mr Westgarth

COURSE	Biology National 5
What will I cover?	<p>Cell Biology Learners will develop knowledge and skills and carry out practical and other learning activities related to study and investigation of the cell. The key areas covered are: cell structure; transport across cell membranes; DNA and the production of proteins; proteins; genetic engineering; respiration</p> <p>Multicellular Organisms Learners will develop knowledge, skills and carry out practical and other learning activities related to study and investigation of whole organisms. The key areas covered are: producing new cells; control and communication; reproduction; variation and inheritance; transport systems — plants; transport systems — animals; absorption of materials.</p> <p>Life on Earth Learners will develop knowledge and skills and carry out practical and other learning activities related to the study and investigation of Life on Earth. The key areas covered are: ecosystems; distribution of organisms; photosynthesis; energy in ecosystems; food production; evolution of species.</p>
Assessment	The external assessment for National 5 Biology consists of: An assignment investigating an application of Biology (20%) An external examination (80%)
Homework	Homework will be given on a regular basis to assist in learning. In addition, pupils are expected to prepare for end of topic tests and unit assessments. Pupils should spend approximately 1 hour on homework each week.
Attainment	An award (A-C) in National 5 Biology would lead to further study of Higher Biology.
Entry Requirements	S3 Biology A pass at National 4 Biology or a grade B in National 5 Chemistry or Physics.
Progression	Higher Biology, National 5 Environmental Science or Higher Environmental Science (approval needed).
Information from	Mr Westgarth

COURSE	Chemistry National 4/5
What will I cover?	<p>Chemical Changes and Structure Learners will develop scientific skills and knowledge of the chemical reactions in our world. Through practical experience, learners will investigate average rates of reaction and the chemistry of neutralisation reactions. Focusing on these reactions, learners will work towards the concept of balanced chemical reactions. Learners will explore the mole concept, formulae and reaction quantities. The connection between bonding and chemical properties of materials is investigated.</p> <p>Nature's Chemistry The Earth has a rich supply of natural resources which are used by all of us. Learners will investigate the physical and chemical properties of cycloalkanes, branched chain alkanes and alkenes, and straight chain alcohols and carboxylic acids. They will explore their chemical reactions and their uses in everyday consumer products. Learners will investigate the comparison of energy from different fuels.</p> <p>Chemistry in Society Learners will develop skills and carry out practical investigations related to the chemistry of materials. Learners will focus on the chemistry of metals and their bonding, reactions and uses. The connection between bonding in plastics, their physical properties and their uses is investigated. Learners will investigate the chemical reactions and processes used to manufacture fertilisers. They will research the use and effect of different types of nuclear radiation. Learners will investigate chemical analysis techniques used for monitoring the environment.</p>
Assessment	National 4 Chemistry: Students must pass 3 Unit Assessments, 1 Practical Assessment and an Added Value Assignment. The external assessment for National 5 Chemistry consists of: An assignment investigating an application of Chemistry (20%) An external examination (80%).
Homework	Homework will be given on a regular basis to assist in learning. In addition, pupils are expected to prepare for end of topic tests and unit assessments. Pupils should spend approximately 40 minutes on homework each week.
Attainment	National 4/5 Chemistry
Entry Requirements	S3 Chemistry
Progression	National 4 Chemistry would lead to further study at National 5 level. An award (A-C) in National 5 Chemistry would lead to further study of Higher Chemistry. National 5 Environmental Science.
Information from	Mr Westgarth

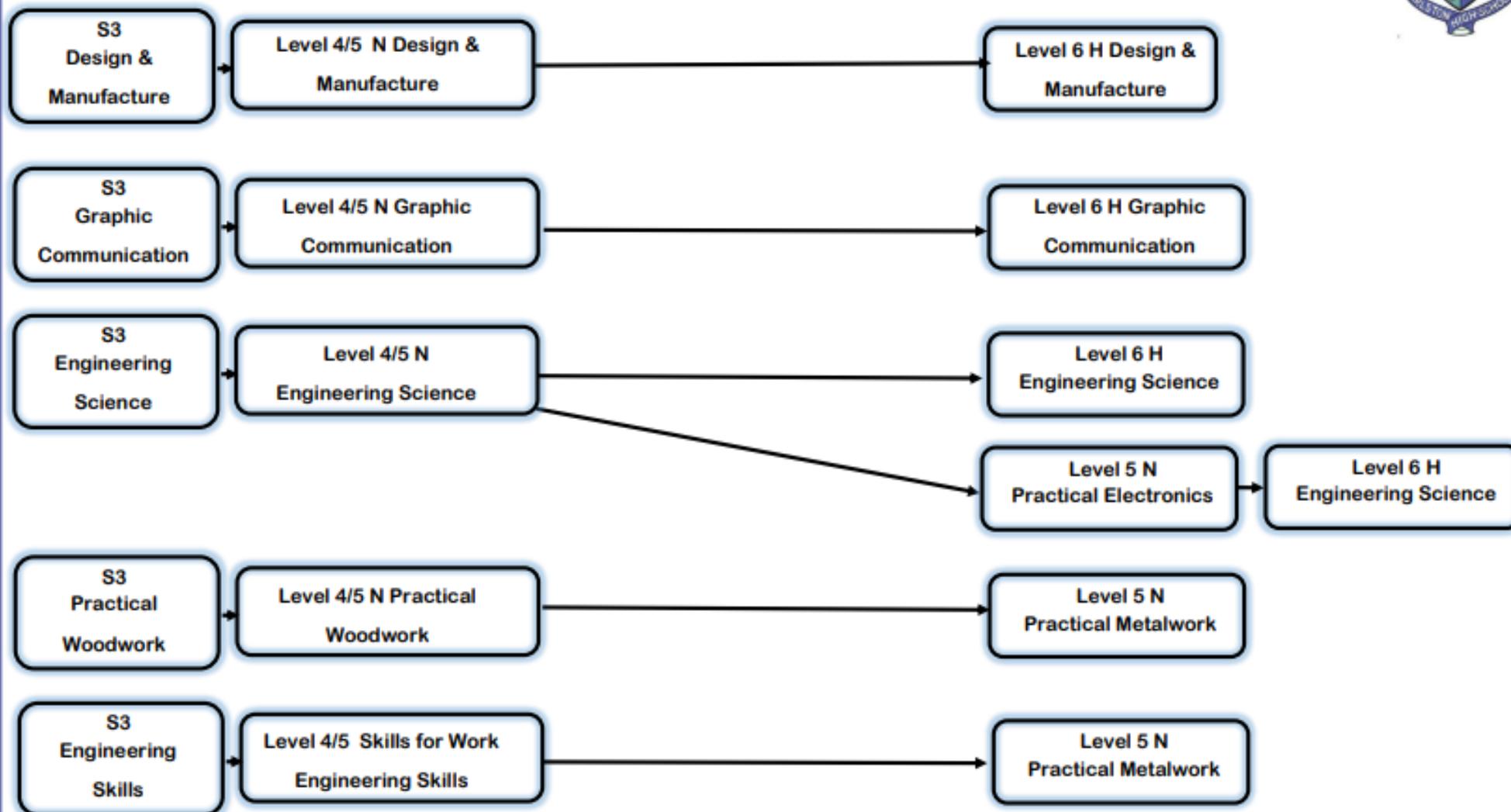
COURSE	Environmental Science National 4/5
What will I cover?	<p>Living Environment in this Unit, learners will develop skills of scientific inquiry, investigation and analytical thinking, along with knowledge and understanding in the context of the living environment. The key areas covered at National 4 level are: Interdependence; Adaptation for Survival; Population Growth and Natural Hazards on Biodiversity. The key areas at National 5 level are: Investigating Ecosystems and Biodiversity; Interdependence; Human Influences on Biodiversity.</p> <p>Earth's Resources The key areas covered at National 4 level are: Non-Renewable and Renewable Resources; Energy Sources; The Carbon Cycle. The key areas covered at National 5 level are: An Overview of Earth Systems and their Interactions; The Geosphere; The Hydrosphere; The Biosphere; The Atmosphere.</p> <p>Sustainability The key areas covered at National 4 level are: Natural Resources; The Interaction Between Humans and the Environment; Agriculture; Society's Energy Needs; The key areas covered at National 5 level are: Introduction to Sustainability; Food; Water; Energy; Waste Management.</p> <p>Added Value Unit In this Unit, learners will draw on and extend the skills they have learned from across the other Units and demonstrate the breadth of knowledge and skills acquired, in unfamiliar contexts and/or integrated ways.</p>
Assessment	To achieve the National 4 Course, learners must pass all of the required Units, including the Added Value Unit. National 4 Courses are not graded. To achieve National 5, learners must pass all of the required Units and the final exam.
Homework	Homework will be given on a regular basis to assist in learning. In addition, pupils are expected to prepare for end of topic tests and unit assessments. Pupils should spend approximately 20 minutes on homework each week.
Attainment	National 4/5 Environmental Science
Entry Requirements	Having studied S3 Geography or Biology
Progression	Higher Environmental Science Higher Geography
Information from	Mr Westgarth/Mrs Grant

COURSE	Horticulture Level 4
What will I cover?	<p>This course introduces you to techniques that are important in the horticulture sector and covers areas such as allotment gardens and plant propagation.</p> <p>The course has 2 mandatory units:</p> <ul style="list-style-type: none"> • Allotment Gardening • Plant Propagation <p>There is also one optional unit which will be decided once the interests of the group have been established.</p>
Assessment	There is no final exam. Assessment will be ongoing using a variety of techniques appropriate to the task.
Homework	There will be no formal homework but an expectation that you should practice techniques learned out with school.
Attainment	Level 4 Horticulture Award
Entry Requirements	There are no set entry requirements although an interest in horticulture and the environment would be beneficial.
Progression	
Information from	Mr Westgarth, Dr Morton

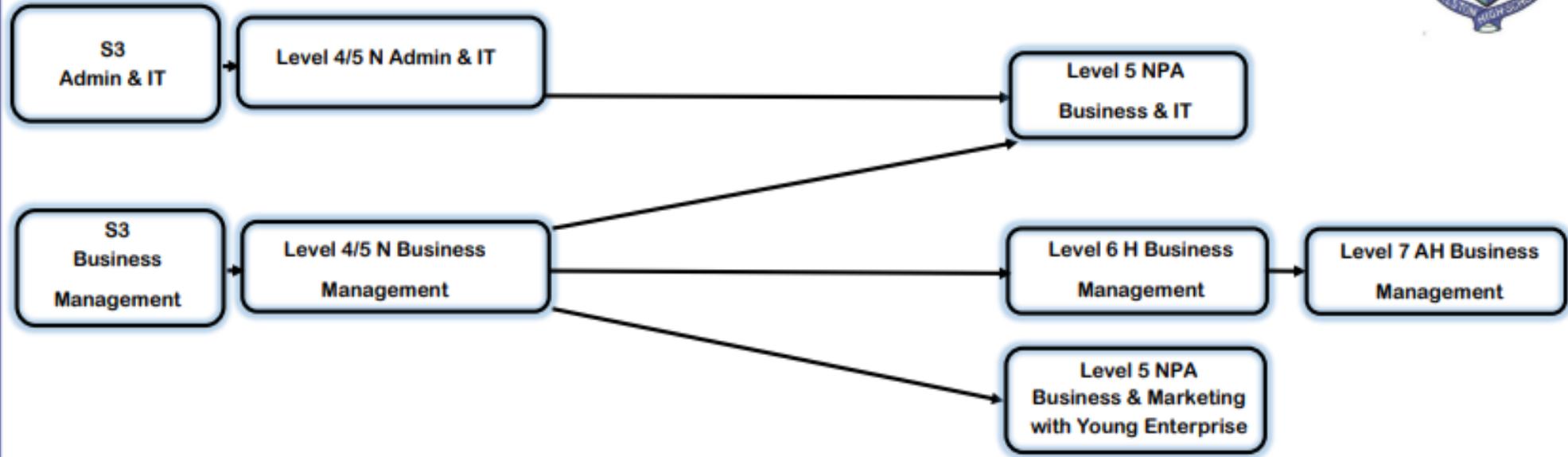
COURSE	Physics National 4/5
What will I cover?	<p>The Course has 6 topics:</p> <p>Dynamics In this area, the topics covered are: vectors and scalars; velocity–time graphs; acceleration; Newton’s laws; energy; projectile motion.</p> <p>Space In this area, the topics covered are: space exploration; cosmology.</p> <p>Electricity In this area, the topics covered are: electrical charge carriers; potential difference (voltage); Ohm’s law; practical electrical and electronic circuits; electrical power.</p> <p>Properties of matter In this area, the topics covered are: specific heat capacity; specific latent heat; gas laws and the kinetic model.</p> <p>Waves In this area, the topics covered are: wave parameters and behaviours; electromagnetic spectrum; refraction of light.</p> <p>Radiation In this area, the topic covered is nuclear radiation.</p>
Assessment	<p>To achieve the National 4 Course, learners must pass all of the required Units, including the Added Value Unit. National 4 Courses are not graded.</p> <p>The external assessment for National 5 Physics consists of: An assignment (20%) and an external examination (80%).</p>
Homework	Homework will be given on a regular basis to assist in learning. In addition, pupils are expected to prepare for tests and practical assessments outside of class time. Pupils should spend approximately 60 minutes on homework each week.
Attainment	National 4 or 5 Physics
Entry Requirements	Having studied S3 Physics
Progression	Higher Physics
Information from	Mr Westgarth

COURSE	Science National 4
What will I cover?	<p>The Course has 3 mandatory units and an added value unit:</p> <p>Fragile Earth The key areas covered are: Energy, Metals, Water and Food (Learners will cover 2 out of these 4). They will investigate these resources through activities related to their source, origin, production and/or extraction. Uses and benefits will be explored. Conflicts and also possible local, national, or global solutions will be identified. Learners will gain knowledge of how science is involved in environmental issues.</p> <p>Human Health This Unit covers the individual's immediate health, expanding to taking responsibility for the family's health. It then looks at health within the community, and finally global issues affecting health.</p> <p>Applications of Science The key areas covered are Telecommunications, Materials and Risk and Safety. This Unit lets learners explore science's contribution to communication technologies, new materials and how science helps the understanding of risk and how it can be reduced in modern life.</p> <p>Added Value Unit: Science Assignment Learners will draw on and extend the skills they have learned from across the other Units, and demonstrate the breadth of knowledge and skills acquired, in unfamiliar contexts and/or integrated ways.</p>
Assessment	To pass National 4 Science, candidates must pass all of the mandatory units and the added value unit mentioned above. There is no external exam for National 4 Science.
Homework	Homework will vary depending on the units being covered. There is an expectation that students will go over their class work regularly to consolidate learning. Preparation for assessments will also form part of the homework for the course.
Attainment	National 4 Science
Entry Requirements	Having studied S3 Science
Progression	National 4 Biology, National 4 Environmental Science, Level 4 Horticulture
Information from	Mr Westgarth

SENIOR PHASE PATHWAYS CDT



SENIOR PHASE PATHWAYS Business Studies



COURSE	Administration & IT National 4/5
What will I cover?	<p>This course is designed for learners who are interested in administration and the practical uses of IT. It contains a significant practical component, involving experiential learning, which encourages the development of skills, knowledge and understanding.</p> <p>The course is made up of the following:</p> <p>Administration theory in the workplace covers topics like: tasks, skills and qualities of administrators; customer service; health and safety; security of people, property and information; sources of information from internet; file management; corporate image; electronic communication methods.</p> <p>IT Applications practical experience of using word processing; spreadsheets; databases; desk top publishing; presentation software and electronic communication.</p>
Assessment	External examination worth 50 marks and you will complete an assignment in class (which will be externally marked) worth 70 marks.
Homework	Homework will be distributed weekly averaging about 30 minutes per week. Homework will be handed out at least one week before it is due in, to give pupils the opportunity to analyse the task and clarify any queries.
Attainment	National 4 or 5 Administration & IT
Entry Requirements	This course is suitable for beginners who have an interest in using a variety of software packages.
Progression	Business & IT NPA Level 5
Information from	Mr Woodcock

COURSE	Business & IT NPA Level 5
What will I cover?	<p>Business and IT both play an important role in society. We all rely on businesses and entrepreneurs to create wealth, prosperity, jobs and choices. The purpose of the Course is to develop learners' understanding of the way in which businesses operate in the current dynamic, changing, competitive and economic environments, and to encourage entrepreneurial attitudes. Developing Information Technology skills are crucial for the workplace. This course develops skills using a variety of differing IT packages</p> <p>The course is made up of the following:</p> <p>Understanding Business covers sectors of industry and types of business organisations and their stakeholders.</p> <p>Management of Marketing and Operations covers market research, marketing mix, ICT in marketing, choosing a supplier, types of ethical production, stock control, quality management techniques and ICT in operations.</p> <p>IT Solutions for Administrators covers using spreadsheets, databases and word processing</p> <p>Communication in Administration covers Internet research, using PowerPoint, desk top publishing and email.</p>
Assessment	Pupils will have continual open book assessments which will be internally marked and verified.
Homework	Homework will be distributed weekly averaging about 30 minutes per week. Homework will be handed out at least one week before it is due in, to give pupils the opportunity to analyse the task and clarify any queries.
Attainment	Business & IT NPA Level 5 Award
Entry Requirements	Having studied S3 Business Management National 4 Business Management National 5 English
Progression	National 5 Business Management
Information from	Mr Woodcock

COURSE	Business Management National 4/5
What will I cover?	<p>Business plays an important role in society. We all rely on businesses and entrepreneurs to create wealth, prosperity, jobs and choices. The purpose of the Course is to develop learners' understanding of the way in which businesses operate in the current dynamic, changing, competitive and economic environments, and to encourage entrepreneurial attitudes.</p> <p>The course is made up of the following:</p> <p>Understanding Business covers sectors of industry, types of business organisations and their stakeholders.</p> <p>Management of Marketing covers market research, marketing mix, ICT in marketing</p> <p>Management of Operations choosing a supplier, types of ethical production, inventory control, quality management techniques and ICT in operations.</p> <p>Management of Finance covers sources of finance, budgeting, breakeven analysis, and profit and loss statements and ICT in Finance</p> <p>Management of People covers recruitment, selection, training, employment legislation and ICT in HR.</p>
Assessment	External examination worth 90 marks (75% of the course) and will complete an assignment in class (which will be externally marked worth 30 marks (25 % of the course).
Homework	Homework will be distributed weekly averaging about 30 minutes per week. Homework will be handed out at least one week before it is due in, to give pupils the opportunity to analyse the task and clarify any queries.
Attainment	National 4 or 5 Business Management
Entry Requirements	Having studied S3 Business Management
Progression	<p>Higher Business Management</p> <p>Business & IT NPA Level 5</p> <p>(Progression to Business & Marketing with Young Enterprise NPA is only available to S5 and S6 Students)</p>
Information from	Mr Woodcock

COURSE	Design Manufacture National 4/5
What will I cover?	<p>The Course provides a broad practical introduction to design, materials and manufacturing processes. It provides opportunities for learners to gain skills in both designing and in communicating design proposals. It allows learners to explore the properties and uses of materials and to make models and prototypes of products.</p> <p>Design and Manufacture: Design</p> <p>This Unit covers the product design process from brief to resolved design proposals, including specification. It helps learners develop skills in initiating, developing, articulating and communicating design proposals. It allows them to develop an appreciation of design concepts and the various factors that influence the design of products.</p> <p>Design and Manufacture: Materials and Manufacturing</p> <p>This Unit covers the product design process from design proposals to prototype or product. It helps learners to ‘close the design loop’ by manufacturing their design ideas. It allows learners to develop practical skills that are invaluable in the design/make/test process. It helps them gain an appreciation of the properties and uses of materials as well as a range of manufacturing processes and techniques. It allows them to evaluate, refine and resolve design and manufacturing solutions.</p>
Assessment	<p>Component 1 – Assignment. A coursework based design and manufacture project on a topic set by the SQA worth 100 marks.</p> <p>Component 2 – Question paper. An external exam set by the SQA worth 80 marks.</p>
Homework	Homework will be distributed regularly (mostly weekly) averaging about 30 minutes per week. Homework will be handed out at least one week before it is due in, to give pupils the opportunity to analyse the task and clarify any queries.
Attainment	National 4 or 5 Design Manufacture
Entry Requirements	Having studied S3 Design Manufacture Technology
Progression	Higher Design Manufacture
Information from	Mr Woodcock

COURSE	Engineering Science National 4/5
What will I cover?	<p>The Course enables learners to develop: a range of technological skills, including skills in analysis and problem solving, design skills, skills in the use of equipment and materials, and skills in evaluating products and systems. The Course also enables learners to develop knowledge and understanding of key engineering concepts and processes, and the ability to apply these to a variety of problems; and an awareness of the impact of engineering on society and the environment. There are 3 units:</p> <p>Engineering: Contexts and Challenges This Unit provides a broad context for the Course. Its purposes are to develop an understanding of engineering, and its role and impact in changing and influencing our environment and society. It develops an understanding of engineering concepts by exploring a range of engineered objects, engineering problems and solutions.</p> <p>Electrical and Electronic Systems This Unit explores an appropriate range of key concepts and devices used in electrical and electronic systems, including analogue, digital and programmable systems. Skills in problem solving and evaluating are developed through simulation, practical projects and investigative tasks in a range of contexts.</p> <p>Mechanical Systems This Unit explores an appropriate range of key concepts involving mechanical systems, such as gears, pneumatics, structures, forces, energy and efficiency. Skills in problem solving and evaluating are developed through simulation, practical projects and investigative tasks in a range of contexts.</p>
Assessment	<p>Component 1 – Assignment. A coursework-based project to solve a technological problem, on a topic set by the SQA worth 50 marks.</p> <p>Component 2 – Question paper. An external exam set by the SQA worth 110 marks.</p>
Homework	Homework will be distributed regularly (mostly weekly) averaging about 30 minutes per week. Homework will be handed out at least one week before it is due in, to give pupils the opportunity to analyse the task and clarify any queries.
Attainment	National 4 or 5 Engineering Science
Entry Requirements	Having studied S3 Engineering Science
Progression	Higher Engineering Science N5 Practical Electronics
Information from	Mr Woodcock

COURSE	Graphic Communication National 4/5
What will I cover?	<p>The course is practical yet exploratory and experiential in nature. On completing the Course, learners will have developed skills in 2D and 3D graphics, as well as pictorial graphics. They will be able to apply these skills in order to produce graphics that require visual impact and graphics that transmit information. There are 2 units:</p> <p>2D Graphic Communication This Unit helps learners develop their creativity and skills within a 2D graphic communication context. It will allow learners to initiate, develop and communicate ideas using graphic techniques in straightforward and familiar contexts. In addition, the Unit allows learners to develop their skills in some less familiar or new contexts. Learners will develop 2D spatial awareness.</p> <p>3D and Pictorial Graphic Communication This Unit helps learners develop their creativity and skills within a 3D and pictorial graphic communication context. Again, it will allow learners to initiate, develop and communicate ideas using graphic techniques in straightforward and familiar contexts. In addition, the Unit allows learners to develop their skills in some less familiar or new contexts. Learners will develop 3D spatial awareness.</p>
Assessment	<p>Component 1 – Assignment. A coursework portfolio to showcase 2D and 3D skills, set by the SQA worth 40 marks.</p> <p>Component 2 – Question paper. An external exam set by the SQA worth 80 marks.</p>
Homework	Homework will be distributed as course topics allow, averaging about 30 minutes per week. Homework will be handed out at least one week before it is due in, to give pupils the opportunity to analyse the task and clarify any queries.
Attainment	National 4 or 5 Engineering Science
Entry Requirements	Having studied S3 Graphic Communication
Progression	Higher Graphic Communication
Information from	Mr Woodcock

COURSE	Practical Electronics National 4/5
What will I cover?	<p>The Course has 3 areas of study:</p> <p>Circuit Design In this area, candidates develop an understanding of key electrical concepts and electronic components. Candidates analyse electronic problems, design solutions to these problems and explore issues relating to electronics.</p> <p>Circuit Simulation In this area, candidates use simulation software to assist in the design, construction and testing of circuits and systems and to investigate their behaviour.</p> <p>Circuit Construction In this area, candidates gain experience in assembling a range of electronic circuits, using permanent and non-permanent methods. They develop skills in practical wiring and assembly techniques, carrying out testing and evaluating functionality.</p>
Assessment	<p>Component 1 – Question Paper. An external exam set by the SQA worth 30%.</p> <p>Component 2 – Practical Assignment. An external activity set by the SQA worth 70%.</p>
Homework	Due to the practical nature of this course, very little homework will be required. There may be some homework in the lead up to the final exam to recap on the theory aspect of the course.
Attainment	National 4 or 5 Practical Electronics
Entry Requirements	By negotiation with the department
Progression	N5 Engineering Science
Information from	Mr Woodcock

COURSE	Practical Woodworking National 4/5
What will I cover?	<p>The Course has 3 units:</p> <p>Flat-frame Construction This Unit helps learners develop skills in setting out and making basic woodworking joints commonly used in flat-frame joinery. Tasks will involve some complex features. Learners will use simple woodworking drawings or diagrams but will also be able to comprehend and use drawing and diagrams depicting some unfamiliar situations.</p> <p>Carcase Construction This Unit helps learners develop skills in setting out and making basic woodworking joints commonly used in carcass joinery. Tasks will involve some complex features. This may include working with manufactured board or with frame and panels. The Unit includes the use of working drawings or diagrams, including unfamiliar situations that require some interpretation on the part of the learner.</p> <p>Machining and Finishing This Unit helps learners develop skills in setting up and using common machines and power tools. It also helps learners develop skills in a variety of simple woodworking surface preparations and finishing techniques.</p>
Assessment	<p>Component 1 – Question Paper. An external exam set by the SQA worth 30%.</p> <p>Component 2 – Practical Assignment. An external activity set by the SQA worth 70%.</p>
Homework	Due to the practical nature of this course, very little homework will be required.
Attainment	National 4 or 5 Practical Woodworking
Entry Requirements	By negotiation with the department
Progression	Practical Metalworking National 4/5
Information from	Mr Woodcock

Vocational Courses

COURSE	Employability & Enterprise Level 3/4/5/6
What will I cover?	<p>This course is delivered jointly by Earlston High School and our Community Youth Workers. It is a combination of work experience and enterprise activities which will see you develop skills to take you forward in the workplace.</p> <p>Half of the course time will be spent on work experience. The other periods will be spent preparing for work experience, completing logbooks, devising enterprise activities and working with others.</p> <p>This course will be designed around the individual and can be attained at the level of capability of the student. It will develop the confidence and resilience needed for the workplace. It will also allow for a blend of work experience and schoolwork.</p> <p>There are 4 Units to complete. These are:</p> <ul style="list-style-type: none"> - Work Placement - Working with Others - Personal Development (Self and Work) - Enterprise Skills
Assessment	The assessment is ongoing throughout the course. It is a mixture of observation, reflections and logbooks. There is no formal examination.
Homework	Homework is expected, although this will be completion of log-books and reflections, rather than revision.
Attainment	The course is delivered at Level 3 Level 4 Level 5 or Level 6. The level achieved is dependent on outcome
Entry Requirements	These are at the discretion of the course leaders
Progression	Travel and Tourism Level 4/5; Business & Marketing NPA Level 5 with Young Enterprise; Into work
Information from	Mrs Weston or Mrs Wilson

Borders Schools Academy 2025/26

There are also courses offered by Scottish Borders College.

All will run on a Friday from 10.00 am to 2.30pm unless stated otherwise.

Please note that college students will have transportation to and from the school but as their return to EHS is after our school buses leave on a Friday, students will have to make their own way home.

Due to the timings you can only apply for 1 college course

You can find these on: <https://www.borderscollege.ac.uk/schools-academy>

The Borders Schools Academy courses booklet link is: <file:///N:/downloads/SchoolsAcademyBooklet2025.pdf>

Please speak to your Guidance Teacher if you want to select a Borders Schools Academy course as one of your 7 choices.

If applying for a Borders Schools Academy course you must apply yourself through the Borders College website <https://www.borderscollege.ac.uk/>

