



PATHWAYS BOOKLET

For pupils choosing their subjects in S5&S6

'Together we learn; together we grow'

2026-27

S5 PATHWAYS: WHAT WILL I STUDY?

- All in S5 will study 5 options:
 - Highers & S5/6-Only National 5's = 6 periods per week
 - S4-6 National 5's = 4 periods per week
 - 2 x Period Short Course required for each S4=6 National 5
 - Skills For Life which consists of
 - 1 period of RME
 - 1 period of Learner Journey
 - 1 Period of PE
 - These do not appear on the choices sheet
- All in S6 will study a minimum of:
 - 4 subjects
 - Or
 - 3 x Advanced Highers
 - Or
 - 2 x Advanced Highers and 1 x Higher
- Remember, we can't change your choices until the new timetable comes out. We create your timetable round what YOU choose, 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 (SCQF Levels 4 and 5)
- H = Higher Level (SCQF Level 6)
- AH = Advanced Higher Level (SCQF Level 7)
- NPA = National Progression Award (SCQF Level 4/5/6)

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/Higher/Advanced Higher

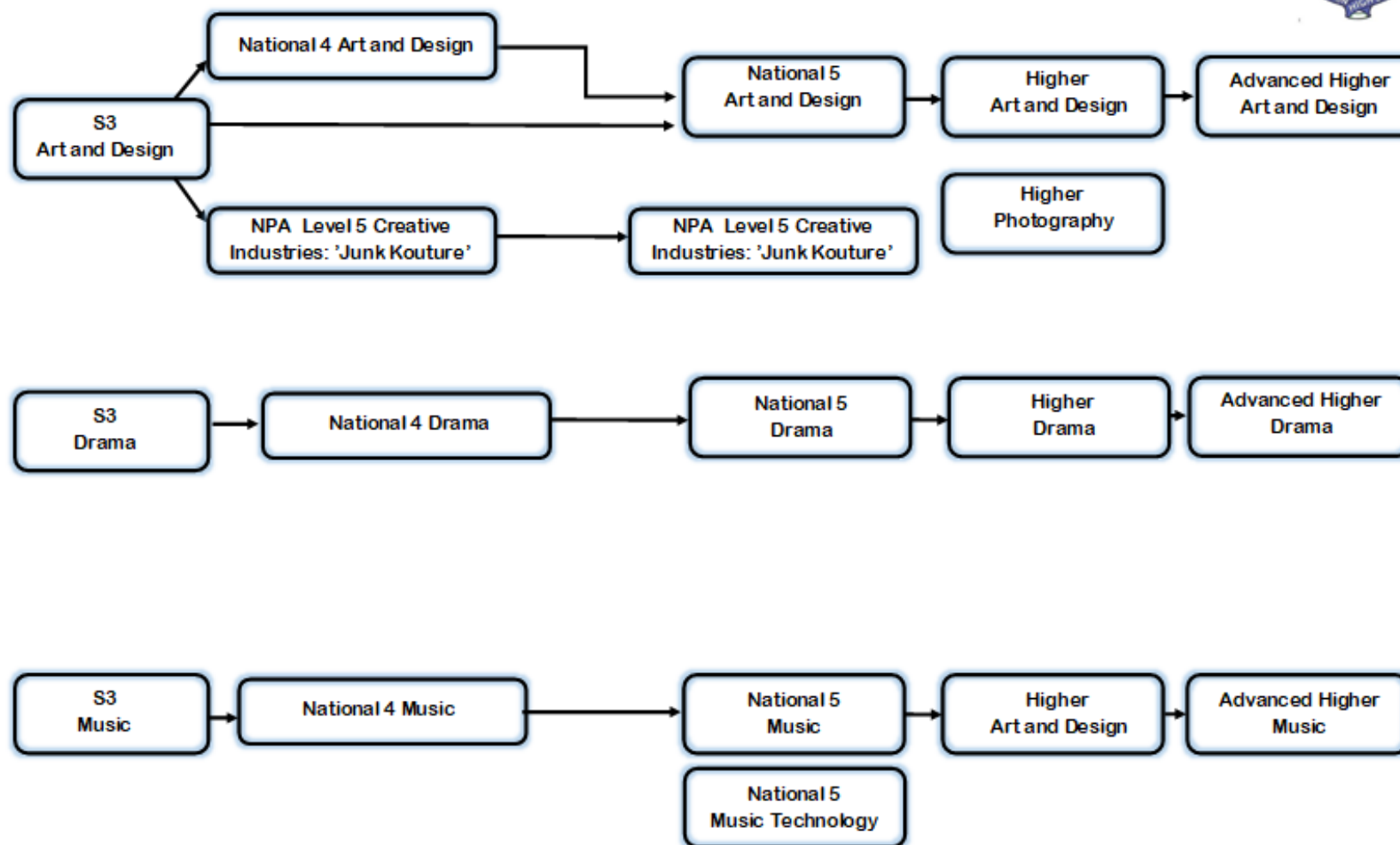
These courses are assessed through an exam or coursework or both, most of which will be marked by the SQA. In some subjects the coursework is marked by a teacher/lecturer.

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.

S5/6 Options Form 2026-27

English Faculty			
English	4/5	H	AH
Literature and Communication	6		
Maths Faculty			
Applications of Maths	5	H	
Mathematics	5	H	AH
Personal Finance	5		
Expressive Arts Faculty			
Art and Design	4/5	H	AH
NPA Creative Industries	5		
Drama	4/5	H	AH
Music	4/5	H	AH
Music Technology	5		
Photography (Higher and NPA)	5	H	
Health and Wellbeing Faculty			
Health and Food Technology	4/5	H	
Practical Cookery	4/5		
Fashion and Textile Technology	4/5	H	
Sports Development NPA (S6 Only)	6		
Physical Education	4/5	H	
Sport and Fitness Team Sport NPA	5		
Humanities Faculty			
History	4/5	H	AH
Geography	4/5	H	AH
Modern Studies	4/5	H	AH
Politics	4/5	H	AH
RMPS	4/5		
Travel and Tourism	4/5		
Languages Faculty			
French	4/5	H	AH
German	4/5	H	AH
Spanish	4/5	H	AH
Science Faculty			
Biology	4/5	H	AH
Chemistry	4/5	H	AH
Horticulture	4		
Physics	4/5	H	AH
Technologies Faculty			
Administration and IT	4/5	H	
Business Management	4/5	H	
Computing Science	4/5	H	
Design and <u>Manufacture</u>	4/5	H	
Engineering Science	4/5	H	
Graphic Communication	4/5		
Practical Metalwork	4/5		

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:</p> <p>Expressive and Design practical folio 80%</p> <p>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	<p>Studied Art & Design at S3</p> <p>National 4 Art & Design</p> <p>By negotiation with department</p>
Attainment	National 4/5 Art & Design
Progression	Higher Art and Design
Information from	Ms MacBeth

COURSE	Art and Design Higher Level 6
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:</p> <p>Expressive and Design practical folio 77%</p> <p>Written exam (2 hrs) 23%</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 Higher course candidates should have achieved at least a C pass at National 5.
Attainment	Higher Art & Design
Progression	Advanced Higher Art and Design
Information from	Ms MacBeth

COURSE	Art and Design Advanced Higher Level 7
What will I cover?	<p>Students undertaking this course have already acquired and demonstrated a high level of competence and broadly based experience in Art and Design. This course provides the opportunity to extend and develop artistic ability by exploring a specialised area in depth.</p> <p>Students specialise in one course element – expressive or design. Then they deepen and expand their practical folio by undertaking a personal study it to an area of the visual arts or design.</p> <p>The focus of the entire course is based on the investigation of a personal theme, candidates should expect to explore and experiment within this fully.</p>
External Assessments	A folio of work is then submitted to the SQA for assessment, including a practical folio and critical essay.
Homework	Success at Advanced Higher level is dependent on a personal commitment beyond the classroom. Students are required to develop sketchbooks for drawings, ideas and experiments – two hours per week.
Entry Requirements	Art and Design at Higher level (minimum grade B).
Attainment	Advanced Higher Art & Design
Information from	Ms MacBeth

COURSE	Creative Industries NPA Level 5 – ‘Junk Kouture’
Outline	The Creative Industries Course provides an introduction to the creative industries in the UK. Learners will investigate a range of sectors and career opportunities in the creative industries before selecting a sector and job role of personal interest on which to focus. Learners will practise and develop specific practical skills, learn the key stages of a creative process and work as part of a team to plan and implement a creative project such as the ‘Junk Kouture’ competition.
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.</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.</p>
Skills	<ul style="list-style-type: none"> • working independently and with others • planning, researching and organising skills • decision making, problem solving and working to deadlines • work ethos, punctuality and reliability • using ICT and other creative digital media
Homework	Gathering research material, producing written assignments, collecting recycled materials and experimentation of materials
Entry Requirements	S3 Creative Industries or S3 Art and Design.
Attainment	NPA Level 5 Creative Industries
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	<p>Drama studied in S3</p> <p>National 4 Drama</p> <p>By negotiation with the department</p>
Attainment	National 4/5 Drama
Progression	Higher Drama
Information from	Ms MacBeth

COURSE	Drama Higher Level 6
What will I cover?	<p>The Higher Drama Course is designed to allow a considerable degree of flexibility in themes/topics which can be studied, increasing personalisation and choice for learners. The course is made up of two units:</p> <ul style="list-style-type: none"> • Drama Skills • Drama Production
Assessment	<p>To achieve the Higher Course, learners must pass all of the required Units and the Course assessment. The Course assessment will consist of:</p> <p>Coursework: Performance</p> <p>The performance will allow the learner to demonstrate skills in an acting or directing or designing role.</p> <ul style="list-style-type: none"> • The performance has 60 marks, worth 60% of the Course assessment. • The performance has two Sections: a performance and the preparation for performance. The weighting of marks across the two Sections of the performance component will be 50 marks for the performance in either an acting or a production role and 10 marks for the preparation for performance. <p>Question Paper</p> <ul style="list-style-type: none"> • The question paper has 60 marks, worth 40% of the Course assessment. • The question paper will have three Sections. • Section 1 & 3 will require an extended response and is worth 20 marks; Section 2 is comprised of three short questions and is worth 10 marks. • Section 1 will be a textual analysis. It will comprise a choice of six questions. Two questions will be from the perspective of a director, two questions from the perspective of an actor, and two questions from the perspective of a designer. Learners will answer one question in the Section. • Section 2 will be a design response to your textual analysis. • Section 3 will be a performance analysis. This will be on a live, or, if necessary, a recorded performance.
Homework	<p>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.</p>
Entry Requirements	<p>A pass at National 5 Drama (preferably grade A or B)</p> <p>A pass at National 5 English (preferably grade A or B)</p>
Attainment	Higher Drama
Progression	Advanced Higher Drama
Information from	Ms MacBeth

COURSE	Drama Advanced Higher Level 7
What will I cover?	<p>The course allows learners to explore both the practical and analytical aspects of the subject. It provides opportunities for learners to develop skills through practical aspects of theatre, the creative exploration of the art of theatre and its forms and practices. Learners will investigate how theatre practice has been shaped by key practitioners. They will expand and develop their own skills within their chosen area of acting, directing or design.</p> <p>This course consists of two core units as well as a practical examination and a written project. Although the unit titles are the same as Higher there is a focus on Theatre practitioners and their impact on modern theatre. Students will be required to analyse the influences, theories and practice of these practitioners.</p> <p>Drama Skills</p> <p>In this unit, learners will be required to provide evidence to demonstrate their knowledge and skills in devising, directing and performing through the exploration of a key practitioner. They will independently create a devised drama production, using their dramatic interpretation of complex texts. They will present it to an audience and evaluate their effectiveness as an actor or director.</p> <p>Production Skills</p> <p>In this unit, learners will focus on a study of a key theatre practitioner, and explore in depth the influences on and the theory and practice of their chosen practitioner. They will explore and analyse key productions that reflect their acting or directing or design methodologies through both research and practical experimentation. They will also view and analyse a live theatrical event, considering performance concepts and effectiveness.</p>
Assessment	<p>Component 1 – Practical Exam (50 marks) (50%)</p> <p>The practical exam has two sections:</p> <ul style="list-style-type: none"> • Section 1 will have 50 marks (for performance in the chosen role of acting, directing or design) • Section 2 will have 10 marks (these marks are awarded for a report based on their chosen role and production) <p>Component 2 – Project (30 marks) (30%)</p> <p>The candidate will select a topic from relevant and current performance theories and practice. The project will consist of a written report and may contain visual evidence.</p> <p>Assignment is worth (20 marks) = 20%</p>
Homework	Homework activities should be about 60 minutes each week, incorporating home practice.
Entry Requirements	While entry is at the discretion of the department, students of Advanced Higher Drama should have achieved an A/B pass at Higher Drama and English. In some instances, students who have other previous experience of drama may also have access to the Advanced Higher course.
Attainment	Advanced Higher Drama
Information from	Ms MacBeth

COURSE	Music Technology: National 4/5
What will I cover?	<p>Music Technology is another name for Sound Engineering or Sound Production. It is clear that the ability to use technology to support your work is a skill that is highly desired by employers. This course is for anyone who enjoys using technology in creative and exciting ways. You do not need to be able to play an instrument to be successful in this course.</p> <p>Skills development: The course will start with a skills development unit. This will involve getting to know the hardware and software used in the music department to capture and manipulate audio.</p> <p>Project work: Most of the time during the course students will spend working on their own individual projects. Students are required to plan, implement and evaluate two sound productions. Examples of a brief for a sound production project would include: Making a podcast, making a radio show, recording an audio book, making a multi-track recording, adding a soundtrack to a short film.</p> <p>Listening to music: Students should expect one period of listening to music per week. This unit helps students identify musical concepts and recording techniques from 20th and 21st century music. It also allows learners to gain a broader understanding of the music industry.</p>
Assessment	Assignment 70%. The two projects are externally assessed. These projects should show you applying the technological skills, musical skills and knowledge that you have developed throughout the course to plan, implement and evaluate two sound productions. Listening paper 30% This will be a listening paper where you will comment on musical excerpts and identify musical concepts.
Homework	It is expected that listening assessment revision takes place outside of class. Many students will benefit from making recordings out with class time depending on nature of their project work and the sounds you would like to include. Expect around 60 minutes per week.
Entry Requirements	Music studied in S3 A keen interest in music technology and by negotiation with the music department.
Attainment	National 4 or National 5 Music Technology
Information from	Mr Haywood

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. In addition, there is an external exam paper worth 35% and a practical performance worth 50% of the overall marks. The assignment is worth 15%.
Homework	Homework activities should be about 60 minutes each week, incorporating home practice.
Entry Requirements	<p>Music studied in S3</p> <p>National 4 Music</p> <p>By negotiation with the department</p>
Attainment	National 4/5 Music
Progression	Higher Music
Information from	Ms MacBeth

COURSE	Music Higher Level 6
What will I cover?	<p>The Higher Course is designed to allow a considerable degree of flexibility, increasing personalisation and choice for learners. At Higher, features of the course include:</p> <ul style="list-style-type: none"> • Three mandatory units • Learners can create music by composing/arranging or improvising • Self-reflection is now an explicit part of the course <p>The following are areas of study:</p> <ul style="list-style-type: none"> • Performing skills on two instruments or on one instrument and voice • Composing skills • Understanding music – developing understanding and knowledge of music styles, concepts and music literacy
Assessment	<p>To achieve the Higher course, learners must pass all of the required Units and the course assessment. The course assessment will consist of two Components: a performance and a question paper. Both will be externally assessed.</p> <p>Performance</p> <p>The performance will have 60 marks. (50%) It will be externally marked by a Visiting Assessor. The performance will allow learners to demonstrate their technical and musical skills when performing a pre-prepared programme of music. This will include performing on each of their two selected instruments or on one instrument and voice, either solo or as part of a group for a total of 12 minutes.</p> <p>Question Paper</p> <p>The question paper will be a listening paper. It will have 40 marks. (35%) All questions in the paper are compulsory. The question paper will assess the learner’s ability to aurally distinguish between music concepts. It will allow learners to demonstrate their knowledge and understanding of music, music signs, symbols and terms and music literacy by listening to, and responding to, excerpts of music.</p> <p>Assignment</p> <p>The Composition is worth an overall 15% of the course.</p>
Homework	Homework activities should be about 60 minutes each week, incorporating home practice.
Entry Requirements	National 5 Music pass (preferably with an A or B)
Attainment	Higher Music
Progression	Advanced Higher Music
Information from	Ms MacBeth

COURSE	Music Advanced Higher Level 7
What will I cover?	<p>The Advanced Higher Course is designed to allow a considerable degree of flexibility, increasing personalisation and choice for learners. At Advanced Higher, features of the course include:</p> <ul style="list-style-type: none"> • Three mandatory units • Learners can create music by composing/arranging or improvising • Self-reflection is an explicit part of the course <p>The following are areas of study:</p> <ul style="list-style-type: none"> • Performing skills on two instruments or on one instrument and voice • Composing skills • Understanding music – developing understanding and knowledge of music styles, concepts and music literacy
Assessment	<p>To achieve the Advanced Higher course, learners must pass all of the required Units and the course assessment. The course assessment will consist of two components: a performance and a question paper. Both will be externally assessed.</p> <p>Coursework: Performance</p> <p>The performance will have 60 marks. (50%) It will be externally marked by a Visiting Assessor. The performance will allow learners to demonstrate their technical and musical skills when performing a pre-prepared programme of music. This will include performing on each of their two selected instruments or on one instrument and voice at Grade 5 level, either solo or as part of a group for a total of 18 minutes.</p> <p>Question Paper</p> <p>The question paper will be a listening paper. It will have 40 marks (35%). All questions in the paper are compulsory. The question paper will assess the learner's ability to aurally distinguish between music concepts. It will allow learners to demonstrate their knowledge and understanding of music, music signs, symbols and terms and music literacy by listening to, and responding to, excerpts of music.</p> <p>Assignment</p> <p>The Assignment is worth an overall 15% of the course</p>
Homework	Homework activities should be about 60 minutes each week, incorporating home practice.
Entry Requirements	Higher Music Pass at C
Attainment	Advanced Higher Music
Information from	Ms MacBeth

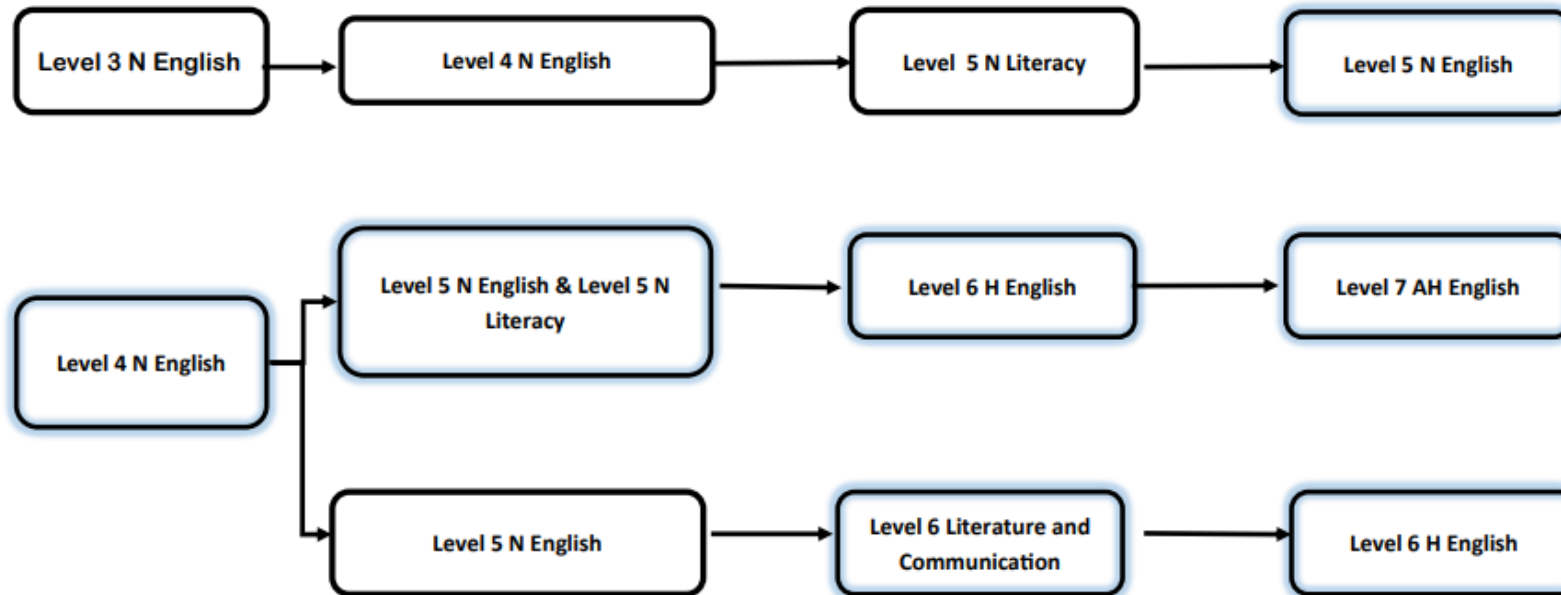
COURSE	Creative Industries NPA Level 5 – ‘The School Show’
What will I cover?	<p>Outline: The Creative Industries Course introduces the creative industries in the UK. Learners will investigate a range of sectors and career opportunities in the creative industries before selecting a sector and job role of personal interest on which to focus. Learners will practise and develop specific practical skills, learn the key stages of a creative process and work as part of a team to plan and implement a drama/ musical production i.e. ‘The School Show’. Roles include acting, production skills (lighting, sound, costume, hair and make-up and props and set) and marketing etc.</p> <p>What will I cover?</p> <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> <p>Skills working independently and with others planning, researching and organising skills decision making, problem solving and working to deadlines work ethos, punctuality and reliability using ICT and other creative digital media.</p>
Assessment	Course assessment consists of four internal marked and verified units. There is no external practical or written component.
Homework	Complete assignments and projects relating to the chosen theatre areas and to engage with the production of the school show as a final assessment area.
Entry Requirements	S3 Music or Drama
Attainment	NPA Level 5 Creative Industries
Information from	Ms MacBeth

COURSE	Photography Higher Level 6
What will I cover?	<p>The course encourages candidates to be inspired and challenged by visually representing their personal thoughts and ideas through the medium of photography. An integrated approach to learning means candidates plan, develop and produce creative and technically proficient photographs.</p> <p>Candidates develop skills that are valuable for learning, life and work. The course allows them to broaden their skills base and to widen their horizons regarding the range of vocations available to them.</p> <p>The aims of the course are for candidates to:</p> <ul style="list-style-type: none"> • communicate personal thoughts, feelings and ideas using photography • develop technical and creative skills through using photographic media, techniques and processes • develop knowledge and understanding of a range of photographic practices • develop skills in problem solving, critical thinking and reflective practice • develop an understanding of the impact of social, cultural, historical, and scientific influences on photographers' work and practice • become critically self-reflective autonomous learners
Assessment	<p>The Course is made up of two main areas of assessment: Image Making and Contextual Imagery which is delivered through a range of coursework projects.</p> <p>Image Making</p> <p>In this topic, evidence will be required to show that the learner can analyse the factors influencing photographers and their work. Learners will also be required to evidence use of a range of camera skills and photographic processes for specific effect and their ability to produce effectively composed photographs, manage files and output images.</p> <p>Contextual Imagery</p> <p>In this topic, evidence will be required to show that the learner has knowledge and understanding of the range of social and cultural factors that have influenced photographers and their work. Learners will develop their applied use of a range of photographic processes. They will plan for and compose images before producing and presenting a range of creative photographic work and skills.</p> <p>The assessed project is worth 77% which is completed throughout the school year marked externally. There is also a one-hour written exam worth 23% of the overall grade.</p>
Homework	Students will be required to organise their time and work both in and out of school on their projects.
Entry Requirements	S3 Art and Design
Attainment	Higher Photography Level 6
Information from	Ms MacBeth

SENIOR PHASE PATHWAYS ENGLISH



S3



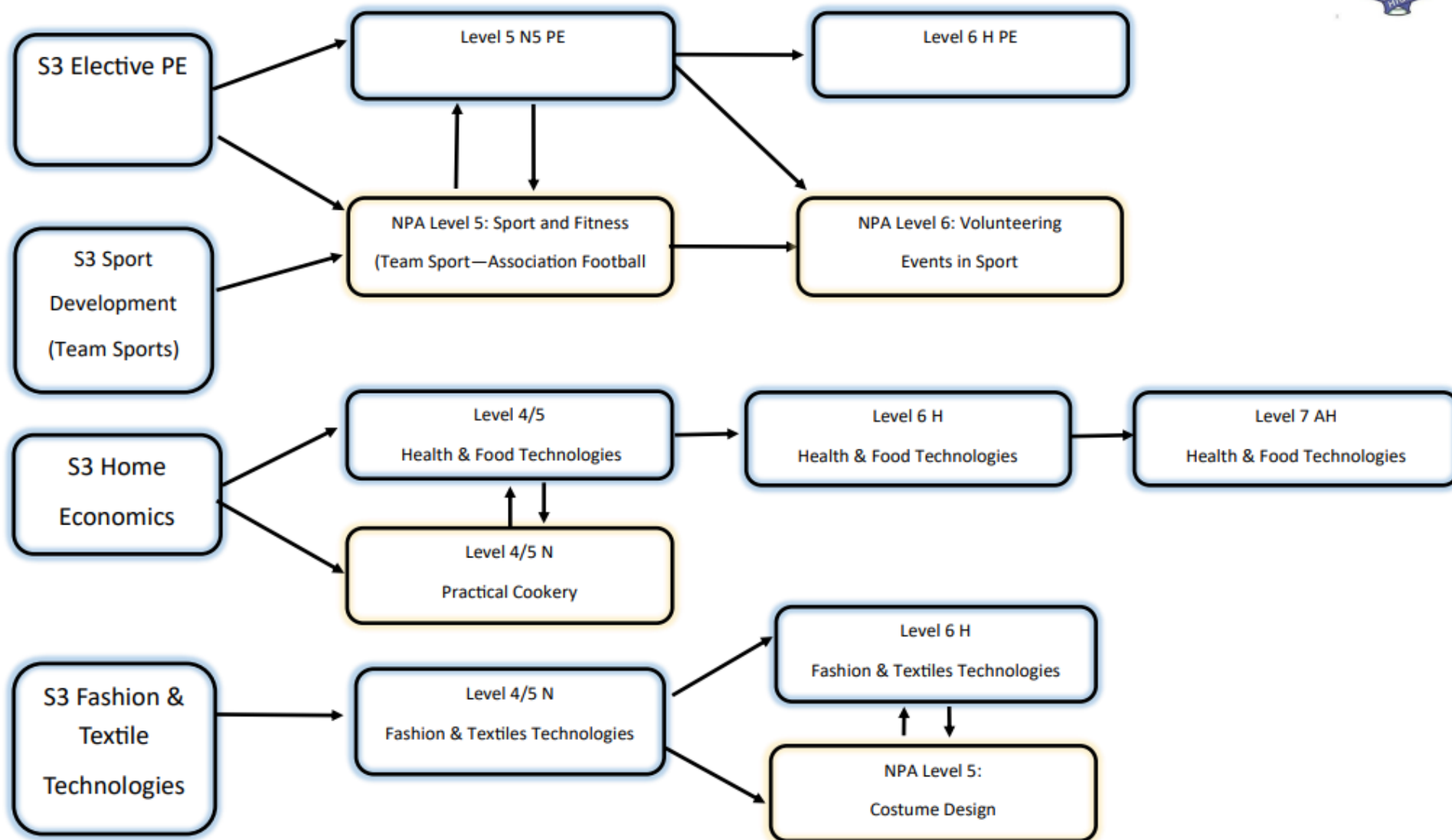
COURSE	English National 4/5
What will I cover?	The English National 5 course aims to develop the ability of all young people to use and understand language effectively, independently and with confidence. There is an emphasis on the essential language skills associated with literacy and communication. 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	Mr Mitchell

COURSE	English Higher Level 6
What will I cover?	The Higher English Course aims to develop the ability of young people to understand and use sophisticated language impressively and with confidence. The course is similar in structure to the National 5 Course and includes the following mandatory Assessments.
Assessment	<p>INTERNAL ASSESSMENTS</p> <p>Performance – Spoken Language. The performance–spoken language assessment provides evidence of candidates’ skills in talking and listening. This performance, which is part of the course assessment, is assessed on an achieved/not achieved basis. In this assessment candidates have to:</p> <p>Take part in a group discussion, or discussion-based activity, to which they contribute relevant ideas, opinions, or information, using detailed and complex 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 in March.</p> <p>EXAM – 70%</p> <p>Paper 1: Reading for Understanding, Analysis and Evaluation (30 marks): Questions on two non-fiction texts will test learners’ understanding, analysis and evaluation.</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 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	There is substantial homework. Focus will be on the Writing Folio, Close reading and essay-writing practice.
Entry Requirements	Students who achieve grades A-C at National 5 English will qualify for Higher. However, borderline pupils are advised to seek their teacher’s recommendation: Higher English is a very challenging course and is not necessarily suited to everyone who passes National 5. (See Literature and Communication Level 6 as an alternative)
Attainment	Higher English
Progression	Advanced Higher English
Information from	Mr Mitchell

COURSE	English Advanced Higher Level 7
What will I cover?	The Advanced Higher English Course aims to develop the ability of young people to use and understand a great variety of sophisticated language impressively and with confidence. Particular emphasis is placed on the independent ability to demonstrate detailed critical awareness of texts. The course is broadly similar in structure to the N5 and Higher Courses and includes the following mandatory Units and Assessments.
Assessment	<p>INTERNAL ASSESSMENTS</p> <p>Unit 1: Creation and Production Learners develop the ability to use language creatively for a variety of purposes and in a variety of forms. Pupils must produce complex and sophisticated written texts in a range of different genres.</p> <p>Unit 2: Analysis and Evaluation of Literary Texts Through the study of a range of complex and sophisticated texts in different literary genres and through research into an aspect or aspects of literature, learners develop the skill of responding critically to complex and sophisticated literary texts using appropriate critical terminology. Pupils must critically analyse and evaluate complex and sophisticated literary texts in depth. Pupils must undertake research into an aspect or aspects of literature.</p> <p>EXTERNAL ASSESSMENTS</p> <p>FOLIO: (60% of the total mark). Candidates will produce a portfolio comprising two pieces: one dissertation (30 marks) and one piece of writing from a choice of genres (30 marks).</p> <p>EXAM: (40% of the total mark). There are two papers for the Advanced Higher course. Each paper will last 1 hour 30 minutes. Paper 1: Literary study. There will be a choice of questions from the genres of Drama, Prose fiction, Prose non-fiction and Poetry (20 marks). Pupils will have studied a choice of texts in advance. Candidates will select one question. Paper 2: Textual analysis. There will be a choice of questions from the genres of Drama, Prose fiction, Prose non-fiction and Poetry. Candidates will select one question (20 marks)</p>
Homework	A considerable amount of independent study is required at Advanced Higher: pupils will be required to read, research and take notes as well as to produce written critical and creative texts independently.
Entry Requirements	Students who achieve A-C in Higher English will qualify for Advanced Higher English. However, it is recommended that students seek the advice of their Higher English teacher.
Attainment	Advanced Higher English
Information from	Mr Mitchell

COURSE	Literature & Communication Level 6
What will I cover?	The Level 6 Literature and Communication course aims to develop the ability of young people to understand and use sophisticated language with increased confidence. The course builds on the skills of National 5 English and provides an ideal stepping stone between National 5 and Higher.
Assessment	All assessments are internal. Pupils will be assessed on the skills of Reading, Writing, Listening and Talking through assessments which mirror Higher English: Critical essay, Textual Analysis, RUAE, Listening and group presentation. Pupils will also produce extended written texts for internal assessment.
Homework	There will be regular homework throughout the year to help consolidate learning and prepare for assessments.
Entry Requirements	C Pass at National 5 English
Attainment	Literature & Communication Level 6. A pass in this course is the equivalent in SCQF points to a C at Higher.
Progression	Higher English
Information from	Mr Mitchell

SENIOR PHASE PATHWAYS HEALTH & WELLBEING



COURSE	Practical Cookery National 4/5
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.</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 4/5) Unit 2 – Understanding & Using Ingredients (National 4/5) Unit 3 – Organisational Skills for Cooking (National 4/5) Added Value Unit: Producing a Meal (National 4 only)</p> <p><u>By the end of the course pupils will be able to:</u></p> <p>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</p>
Assessment	<p><u>National 4:</u></p> <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> <p><u>National 5:</u></p> <p>To achieve National 5 learners will sit 3-unit assessments and the below SQA examinations.</p> <p>Question Paper (Exam) - 1 hour Assignment Planning (Exam) - 1 hour 45 minutes Practical (Exam) - 2 hours 30 minutes</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 4/5
Entry Requirements	Studied Home Economics in S3 or National 4 Practical Cookery
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	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	<p>National 4 Health and Food Technology By negotiation with the department</p>
Progression	Higher Health and Food Technologies
Information from	Mr Patterson

COURSE	Health & Food Technology Higher Level 6
What will I cover?	<p>This course addresses contemporary issues affecting food and nutrition, including ethical and moral considerations, sustainability of sources, food production and development, and their effects on consumer choices. Learners analyse the relationships between health, food and nutrition, and plan, make and evaluate food products to a range of dietary and lifestyle needs.</p> <p>Food for Health To develop knowledge, understanding and skills to analyse the relationship between health, food and nutrition. Learners will also analyse dietary needs for individuals at various stages of life and explain current dietary advice. Through practical activities, the learner will produce and evaluate food products which meet individual needs.</p> <p>Food Product Development To allow learners to develop knowledge and understanding of the functional properties of ingredients in food and their use in developing food products. Learners will develop an understanding of the stages involved in developing a food product. Through a problem-solving approach, learners will produce food products to meet a range of consumer needs. They will also apply knowledge and understanding of safe and hygienic food practices and techniques.</p> <p>Contemporary Food Issues Learners will investigate a range of contemporary food issues. They will analyse how these issues influence decisions taken by consumers when making food choices.</p>
Assessment	<p>Pupils 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"> •Analysing 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	Homework is an integral part of the course and pupils will be given a variety of tasks. Pupils should expect to spend, on average 1 hour per week on Health and Food Technology. Pupils will be expected to revise work and regularly practice cooking dishes of increasing complexity at home.
Attainment	Higher Health & Food Technology
Entry Requirements	National 5 Health and Food Technology To demonstrate organisational and basic technological skills and work safely and hygienically during food preparation.
Progression	Advanced Higher Health & Food Technology
Information from	Mr Patterson or HE Department

COURSE	Health & Food Technology Advanced Higher Level 7
What will I cover?	<p>The AH course allows pupils' to develop the ability to analyse food production, processing and consumer food issues. It also allows pupils to develop the knowledge required to become informed and responsible food consumers. The investigative and critical thinking skills developed throughout this course give pupils important experience of independent working. The emphasis on analysis and evaluation, and the opportunities for investigative work, help pupils build upon higher-order thinking skills which will help to prepare them for further education.</p> <p>The following three topics will be covered throughout the academic year:</p> <p>Nutritional and consumer food issues Food science, production and manufacture Contemporary food issues and nutrition which include ethical considerations, legislation, sustainability, psychology of food trends, food production and development, and their effects on consumer choices.</p>
Assessment	Pupils are assessed throughout the year with open book and closed book assessments. These are completed at the end of each topic. For the overall course award there is a project which is completed throughout the year and is worth 60 marks and there is an exam at the end of the school academic year which is worth 50 marks. Learners will be given the opportunity to demonstrate the following skills: independent enquiry, critical thinking, analysis and evaluation.
Homework	Homework is an important part of the course. AH students have ongoing homework which should be completed every week and submitted for feedback. This is the pupil's responsibility to make sure this is completed in order to progress. A minimum of around 1 hour and 30 mins is expected to be spent on homework each week.
Attainment	Advanced Higher Health & Food Technology
Entry Requirements	Higher Health and Food Technology
Progression	<ul style="list-style-type: none"> • Higher National Diplomas (HNDs) in areas such as food science and food technology • Degrees in areas such as food science and technology; food product design; human nutrition and dietetics; or food, nutrition and health • The skills that you develop in Health and Food Technology are useful in many different career areas, such as food preparation and service, food and drink manufacturing, food science and technology and dietetics and nutrition. If you would like to find out more about career pathways here is the link below: https://www.planitplus.net/Schools/SubjectCareerList?mysubject=Health%20and%20Food%20Technology
Information from	Mr Patterson or HE Department

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 are 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: N4 Added Value Unit (pass/fail)</p> <ul style="list-style-type: none"> • 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/ Fashion & Textile Technology Higher
Information from	Mr Patterson

COURSE	Fashion & Textiles Technology Higher Level 6
What will I cover?	The course develops pupils' knowledge, understanding and skills related to fashion, textiles and industry. Pupils explore a range of issues that influence decisions taken by industry and choices made by consumers, and how the fashion industry affects society and the environment. The course is practical and experiential.
Assessment	<p>Internal Assessment is based on:</p> <ul style="list-style-type: none"> • Construction of a fashion/textile item (36 marks) <p>External Assessment is based on:</p> <ul style="list-style-type: none"> • Higher written assignment (46 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. (45 marks - 1 hour 30 minutes) <p>The question paper gives candidates an opportunity to demonstrate their knowledge, understanding and skills. The assignment is a written exercise only, no physical item or solution has to be made.</p>
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	Higher Fashion & Textiles Technology
Entry Requirements	National 5 Fashion & Textiles/ NPA Costume
Progression	https://www.planitplus.net/Search/Results?SearchTypeOnMenu=Courses&SearchText=fashion+and+textile+technology&IsTitleOnly=False
Information from	Mr Patterson

COURSE	Costume Design NPA Level 5
What will I cover?	<p>This is a practical course and aims to provide the development of techniques and skills required for costume production within the TV/ Film/ Theatre Industries. The aims of the course are to enable learners to develop:</p> <ul style="list-style-type: none"> • Sewing machine skills/ produce construction samples • Draft patterns • Develop skills and knowledge of surface decoration techniques • Investigation and evaluation skills • Create a portfolio demonstrating the development of their design skills & ideas <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 a costume.</p>
Assessment	Assessment will be a combination of practical and knowledge assessments under open-book assessment conditions.
Homework	Pupils will be given a variety of tasks throughout the course. Pupils should expect to spend, on average, one hour per week on Costume Design/ Portfolio tasks. In addition, pupils will be expected to revise work using course notes.
Entry Requirements	N5 Fashion & Textile Technology By negotiation with department
Attainment	Costume Design NPA Level 5
Progression	Higher Fashion & Textile Technology <ul style="list-style-type: none"> • NC Theatre Design: Set, Costume and Props — An Introduction at SCQF level 6 (Delivered at College) • Other further training in design or textiles
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	<p>S3 PE (Elective) By negotiation with department</p>
Progression	<p>Higher PE NPA Level 5: Team Sports (Association Football) NPA Level 6: Volunteering Events in Sport</p>
Information from	Mr Patterson

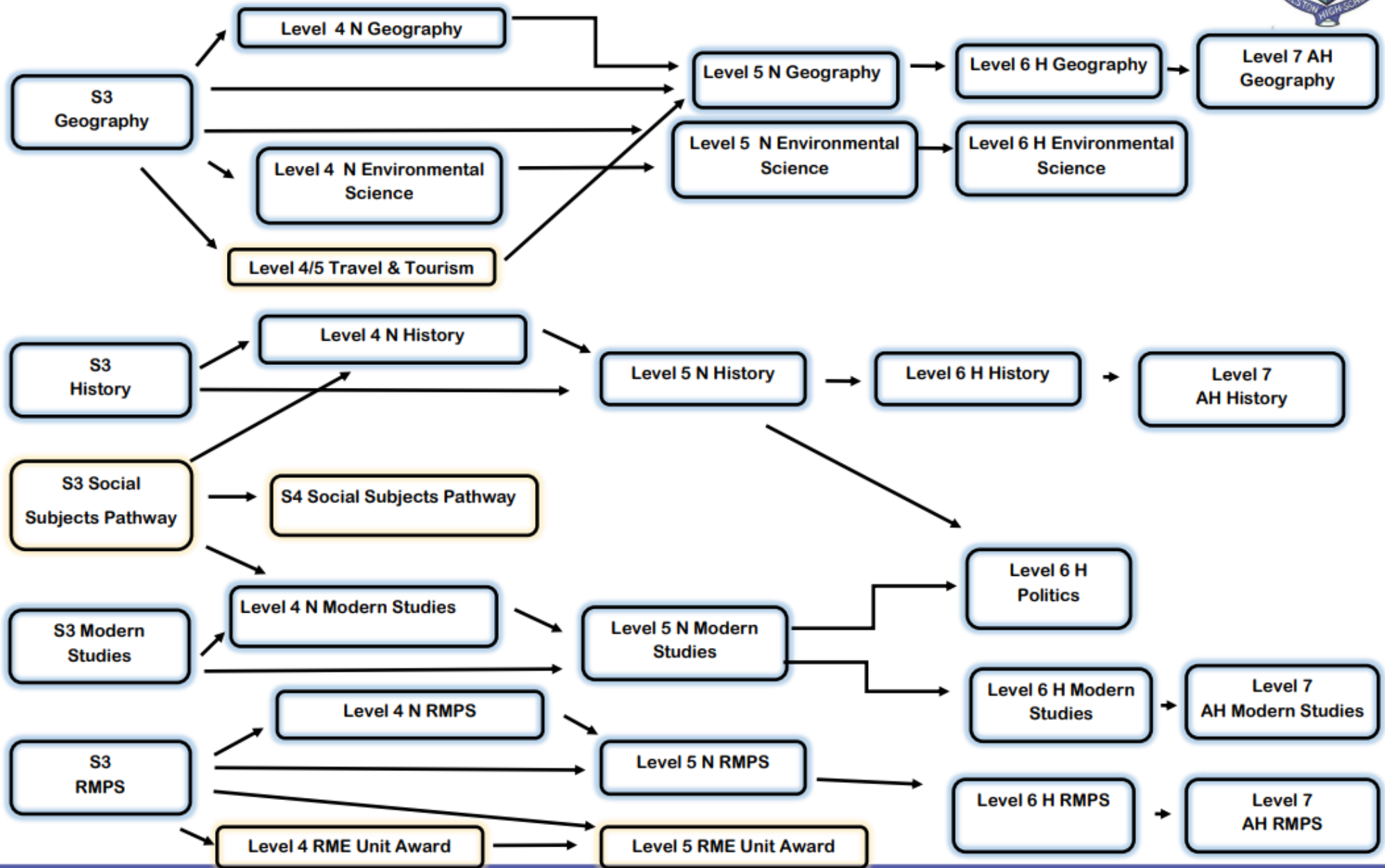
COURSE	Higher PE Level 6
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What will I cover?	<p>Higher PE builds on the work covered at National 5 level. Pupils explore the cycle of analysis in more depth and explore 5 key areas to bettering sporting performance.</p> <ol style="list-style-type: none"> 1. Factors Impacting Performance 2. Data Collection 3. Key Planning Information 4. Developing Performance 5. Monitoring & Evaluating
Assessment	<p>Pupils will be assessed in 2 practical activities for 50% of their final grade. Practical performances will be based on 2 activities that are curriculum based and are able to be assessed at EHS.</p> <p>The other 50% is determined by a 2 ½ hour exam. Pupils will have at least 2 practical and 2 theory lessons a week.</p>
Homework	<p>Pupils will be given a variety of tasks throughout the course. Pupils should expect to spend, on average, one hour per week on PE homework tasks. In addition, pupils will be expected to revise work using course notes and past papers.</p>
Attainment	Higher PE
Entry Requirements	National 5 PE
Progression	NPA Level 6: Volunteering Events in Sport
Information from	Mr Patterson

COURSE	NPA Level 5: Sport & Fitness 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

COURSE	NPA Level 6: Volunteering Events in Sport
What will I cover?	<p>Sport & Recreation: Developing Volunteering: You will develop your knowledge of various ways in which volunteers might be funded in sport and recreation, together with the use to which volunteers might be put to best effect. You will also investigate and learn about the legal status of volunteer and their legal obligations.</p> <p>Management of Marketing & Operations: You will apply knowledge and understanding of how the marketing function enhances the effectiveness of large organisations. You will also apply knowledge and understanding of how the operations function contributes to the success of large organisations.</p> <p>Event Organisation: You will be required to produce, implement and evaluate an agreed plan for a community event in the sport and recreation sector.</p>
Assessment	There is no end of year SQA exam. The Organising Volunteering Events in Sport NPA is assessed continually throughout the course. You must volunteer in a sporting capacity for a minimum of 30 hours. You will also be assessed through written responses, participation in group tasks and presentations whilst working towards hosting an event for the community. Pupils will be involved practically in leading warmups and drills in S1/ S2 lessons and must understand the responsibility and expectations that are required when working with younger pupils at EHS. Furthermore, they will be working with and organising events in the community.
Homework	Pupils need to ensure their course work is up to date.
Attainment	NPA Level 6: Volunteering Events in Sport
Entry Requirements	NPA Level 5: Team Sports Association Football or National 5 PE
Progression	Higher PE
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	There is research-based course Assignment based on local area fieldwork which will be written up in school time – 20% of the final grade. The exam set by the SQA which lasts 2 hours 20 minutes.
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	Geography Higher Level 6
What will I cover?	<p>The course consists of three units:</p> <p>HUMAN AND PHYSICAL ENVIRONMENTS:</p> <ul style="list-style-type: none"> •Human Geography – Population, Rural and Urban. •Physical Geography – Atmosphere, Hydrosphere, Biosphere and Lithosphere; <p>You will also learn about a range of methods and techniques for presenting, analysing and interpreting information about these topics.</p> <p>GLOBAL ISSUES</p> <p>In this unit, you will study two topics – River Basin Management and Global Climate Change.</p> <p>APPLICATION OF GEOGRAPHICAL SKILLS</p> <p>In this unit you will learn how to apply your geographical knowledge and map skills in an unfamiliar context.</p>
Assessment	<p>There are two examination papers</p> <ul style="list-style-type: none"> - Paper 1- Human and Physical Environments- exam worth 100 marks and lasting 1 hour and 50 minutes - Paper 2- Global Issues and Application of Geographical Skills- exam worth 60 marks and lasting 1 hour 10 minutes <p>You will be expected to carry out an individual Assignment and produce a write up of this during a 90-minute controlled exam. This counts for 27% of your overall grade.</p>
Homework	About 1 hour per week, including written assignments, past paper questions and reading to reinforce and enhance the classwork.
Attainment	Higher Geography
Entry Requirements	National 5 Geography or B or better at National 5 or Higher in another Humanities subject or English
Progression	Advanced Higher Geography Higher Environmental Science
Information from	Mrs Grant

COURSE	Geography Advanced Higher Level 7
What will I cover?	<p>The course is split into two sections:</p> <p>In section 1 you will study:</p> <ul style="list-style-type: none"> - Map interpretation - Gathering and processing techniques (including Geographical Data Handling) - Graphical presentation of data - Map and map-based diagrams - Statistical analysis - Descriptive and inferential statistics <p>In section 2 you will work on your folio:</p> <ul style="list-style-type: none"> - Geographical Study- 3000 word - Geographical Issue- 1800 words
Assessment	<p>Course work – worth 70%</p> <ul style="list-style-type: none"> - Geographical Study - this involves collecting fieldwork data on a topic of your choice, this will then be written up and submitted to the SQA for marking. (40%) - Geographical Issues - learners will develop critical thinking and the ability to evaluate sources and viewpoints on current geographical issues, producing a final essay also submitted to SQA. (30%) <p>Exam assesses skills listed in section 1– worth 30%</p>
Homework	Some fieldwork, research and reading will be carried out in the students’ own time. Practice past paper questions will also be issued throughout the course at appropriate points.
Attainment	Advanced Higher Geography
Entry Requirements	Students should have a minimum C pass in Higher Geography.
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. We look at life in the trenches, the home front, political changes and how WWI affected Scottish industry.</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 canal system, railway mania, life in the coal mines, factories, political developments and health & housing.</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. What happened to Germany after WWI, what was the Weimar Republic, how did Hitler and the Nazis rise in popularity, what was life like in Nazi Germany?</p>
Assessment	<p>Internal Assessment We will prepare for the exam with assessments on each topic.</p> <p>External assessment An 80-mark, 2-hour 20-minute exam paper testing knowledge and skills. This makes up 80% of the final grade. An added value essay written up in exam conditions in 1 hour. This is out of 20 marks and makes up 20% of the final grade.</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	History Higher Level 6
What will I cover?	<p>Unit 1 – Britain & Ireland, 1900-1985 A study of the relationship between Britain and Ireland, focussing on the growth of tensions in the country and obstacles to peace on the island. Why did tensions in Ireland grow so much at the start of the 20th Century? How did issues of religion and the role of terrorism bring about conflict? Why was peace in Northern Ireland so difficult to achieve?</p> <p>Unit 2 – Migration and Empire, 1830-1939 A study of population movement and social and economic change in Scotland and abroad between 1830 and 1939. Why did the Irish come to Scotland? What was the impact of immigration to Scotland? Why did so many Scots leave Scotland? Why were so many Scots successful in the Empire?</p> <p>Unit 3 – USA, 1918-1968 A study of the growing tensions in American society, focusing on racial divisions, economic difficulties, the growth of federal powers and the struggle for civil rights, illustrating the themes of ideology, identity and rights. We study reasons for growing hostility to immigration and look at the growth of the Civil Rights movements including MLK and obstacles.</p>
Assessment	<p>INTERNAL ASSESSMENT Students are required to write essays demonstrating knowledge and providing structured analysis and arguments for both unit 1 & 3. They will also interpret and evaluate historical sources in unit 2. There will be a formal assessment at the end of each unit.</p> <p>EXTERNAL ASSESSMENT There will be 2 exam papers worth 80 marks at 1 hour 30 mins each. Paper 1 is 2 essay questions - 1 essay from unit 1 & 1 from unit 3. Paper 2 is source based focussed on issue 2 There will also be an Assignment worth 30 marks in which learners will write an essay on their own research into a historical issue or question in 1 hour 30 minutes. All of these skills progress from National 5.</p>
Homework	Extension of class-based assignments, essays and source answers and historical research for the externally marked assignment. 1 hour a week on average.
Attainment	Higher History
Entry Requirements	National 5 History or B or better at National 5 or Higher in another Humanities subject or English
Progression	Advanced Higher History
Information from	Mrs Grant

COURSE	History Advanced Higher Level 7
What will I cover?	<p>USA 'A House Divided', 1850-65: The American Civil War</p> <p>A study of the ante-bellum American society and tensions within it, particularly slavery. The causes and nature of the conflict; the political – Lincoln and the emergence of the Republican Party, social and economic outcomes, focusing on the themes of rights, identity and authority. We will also look at the American political system and the reasons that slavery was finally ended in the USA at the end of the Civil War. This is 1st year university work.</p>
Assessment	<p>INTERNAL ASSESSMENT</p> <p>Students are required to write essays demonstrating knowledge and interpret and evaluate sources of evidence using analytical skills. They will build on the skills that they acquired in Higher History. Students will also have the chance to engage with historical interpretations and to debate why they shape our view of the past.</p> <p>EXTERNAL ASSESSMENT</p> <p>Students are required to write a 4000-word dissertation during the year on a topic and question chosen and researched by the student. This is out of 50 and makes up 36% of the final grade.</p> <p>A 90-mark 3-hour examination assesses both essays and source skills makes up 64% of the final grade.</p>
Homework	Students are encouraged to spend time reading literature and watching videos, lectures and films relating to the course. Essay and source skill questions will be issued as homework tasks on a regular basis.
Attainment	Advanced Higher History
Entry Requirements	Grade C or better in Higher History
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>Contemporary International Issue- USA as a World Power 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	Modern Studies Higher Level 6
What will I cover?	<p>Democracy in the UK</p> <ul style="list-style-type: none"> • Implications of the UK's decision to leave the European Union • The role of Parliament and elected representatives • A comparison of voting systems currently used in UK elections and their effects; • Outside influences on decision-making (pressure groups, the traditional media, social media); • Different influences on voting behaviour in the UK. <p>Social Inequality</p> <ul style="list-style-type: none"> • Welfare state debate: the state or the individual? • Wealth – inequalities in wealth and government policies to deal with wealth inequalities. • Health – inequalities in health and government policies to deal with health inequalities. <p>The USA</p> <ul style="list-style-type: none"> • The US political system; Political issues and political parties; • Social and economic inequalities facing groups in the USA. • Government responses to social and economic inequalities. • The international influence of the USA on other countries.
Assessment	<p>An exam consisting of two papers. Paper 1 is essay questions lasting for 1 hour and 45 minutes. Paper 2 is skills based questions and lasts for 1 hour and 15 minutes.</p> <p>There will also be an externally assessed assignment. This extended response report is worth 27% of the overall mark in which learners will write a report on their own research into a current political, social or economic issue.</p>
Homework	This is issued on a regular basis and consists of either practise essay questions, preparation for class discussions and debates or shorter written activities.
Attainment	Higher Modern Studies
Entry Requirements	National 5 Modern Studies or B or better at National 5 or Higher in another Humanities subject or English
Progression	Advanced Higher Modern Studies
Information from	Mrs Grant

COURSE	Modern Studies Advanced Higher Level 7
What will I cover?	<p>The study theme chosen is Law and Order. Students will study TWO contexts, along with a unit on practical social research and their dissertation.</p> <p>Context B: Understanding criminal behaviour</p> <ul style="list-style-type: none"> •The causes of crime with reference to the relative merits of sociological, psychological and physiological theories. •Different definitions, measurements and perceptions of crime. •The social and economic effects of crime on victims, perpetrators, families and wider society. <p>Context C: Responses by society to crime</p> <ul style="list-style-type: none"> •The aims, purposes and effectiveness of the UK penal systems through theories of punishment. •The alternatives to imprisonment •An international comparison of criminal justice systems. •Responses of the main political parties to the penal systems in the UK. <p>Social Research Methods</p> <ul style="list-style-type: none"> •Study a range of social research methods such as interviewing, questionnaires, surveys, official statistics; •Study of ethical issues concerning research, the principals involved in sampling, statistical techniques and research terminology, as well as the reliability and validity of statistics and conducted research. <p>Practical Research</p> <ul style="list-style-type: none"> •Individual research for a dissertation (maximum 5,000 words) covering a topic from within the two chosen contexts of study.
Assessment	<p>INTERNAL ASSESSMENT</p> <p>A series of internal assessments cover all elements of the course including practice essay and social research questions.</p> <p>EXTERNAL ASSESSMENT</p> <p>One 3-hour exam testing knowledge as well as aspects of Social Research Methods. Consists of 2 essays worth 30 marks each and 2 social research questions worth 30 marks in total. Dissertation is 50 marks and is externally assessed.</p>
Homework	<p>There is a fair amount of individual reading, research and preparation for assessments that pupils will be expected to plan and prioritise. Given the nature of the course content, students will need to be fully aware of the media, watching and reading the news regularly so as to build a bank of case studies to exemplify concepts and issues studied in class.</p>
Attainment	Advanced Higher Modern Studies
Entry Requirements	Students should have a minimum of a grade C in Higher Modern Studies or Higher Politics
Information from	Mrs Grant

COURSE	Politics Higher Level 6
What will I cover?	<p>The aim of the course is to provide you with knowledge and understanding of political concepts and principles. The course encourages a comparative approach to politics and uses a wide range of local, national and international examples. The course is split into three sections of knowledge:</p> <p>Political Theory</p> <ul style="list-style-type: none"> •Students will develop an understanding of political concepts and ideologies, including Power, Legitimacy & Authority, Socialism, Conservatism and Democracy. <p>Political Systems</p> <ul style="list-style-type: none"> •Students will develop their ability to compare two different political systems (UK & USA) across their respective Constitutions, Executives and Legislature. <p>Political Parties and Voting Behaviour</p> <ul style="list-style-type: none"> •Students will analyse a range of electoral data to evaluate the performances of UK political parties in recent elections, particularly the SNP and Conservatives, and explore voting models.
Assessment	<p>This takes the form of an examination consisting of two papers. Paper 1 is an Essay based paper and will involve both 12 and 20 mark responses covering the 3 sections of knowledge. This paper is 1 hour 45 minutes and worth 52 marks. Paper 2 is a source skills-based paper focusing on two skills; Comparison and the Viewpoint question which requires you to interpret, evaluate and synthesise a number of sources. This paper is 1hour and 15 minutes long and is worth 28 marks.</p> <p>There is also an assignment aspect to the course which is worth 27% of your overall grade. The assignment is carried out in 1 hour and 30 minutes in exam conditions.</p>
Homework	This is issued on a regular basis and consists of either practise essay questions, preparation for class discussions and debates or shorter written activities.
Attainment	Politics Higher
Entry Requirements	National 5 Modern Studies or National 5 pass at a B or better in any other Humanities subject or a B in National 5 English
Progression	Higher Modern Studies Advanced Higher Modern Studies
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: Islam How does a Muslim practise their faith? Building on what they have learned in S3 about beliefs students will look at how Muslim beliefs impact on the lives of those who follow Islam. To enhance pupil experience there will be the opportunity to visit the Edinburgh Central Mosque.</p> <p>Morality and Belief: Global Issues Pupils will be looking at poverty, what creates poverty and how organisations are trying to solve the problem of poverty. In this unit we will look at poverty on an international level looking at trade, aid and governmental attitudes. We will be inviting speakers in from a range of perspectives to allow students the chance to deepen their understanding of the debate surrounding global issues.</p> <p>Religious and Philosophical Question: Evil and Suffering: At N5 students will be looking at Freewill, what is freewill and how does it impact upon suffering on the world. We will also be exploring whether or not we do in fact have freewill or are we just predetermined to act they way we do.</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 or National 4 or 5 in any other Humanities subject
Progression	Higher RMPS National 4 or 5 Travel & Tourism
Information from	Mrs Grant

COURSE	Religious Moral and Philosophical Studies Higher Level 6
What will I cover?	<p>The course assessment has three components.</p> <p>World religion - Buddhism Developing in-depth knowledge and understanding of the impact and significance of Buddhism today. Studying key beliefs and practices of Buddhism and the contribution this makes to the lives of followers.</p> <p>Morality and belief - Justice Developing skills to evaluate and express detailed, reasoned and well-structured views about issues relating to justice. Applying both religious and non-religious points of view to this issue.</p> <p>Religious and philosophical questions - Origins Candidates develop skills to critically analyse religious and philosophical questions and responses on the origins of the universe and life. Applying both religious and non-religious points of view to this issue.</p>
Assessment	<p>Internal assessment Students are required to write essays demonstrating knowledge and providing analysis and evaluation. End of unit assessments and summaries will also be part of this course to facilitate revisions skills and to provide formative assessments to improve progress.</p> <p>External assessment There are 2 exam papers: Paper 1; World Religion and Morality and belief - 2 hours and 15 minutes to complete this question paper. [60 marks] Paper 2; Religious, moral and philosophical questions - 45 minutes to complete this question paper. [20 marks] The assignment: researched and prepared in their own time (based on a question of their own choosing, related to the course and written up under exam condition in 1 hour 30 minutes. [30 marks]</p>
Homework	Extension of class-based assignments, essays and source answers and historical research for the externally marked assignment. 2 hours a week on average.
Attainment	Higher RMPS
Entry Requirements	National 5 pass in RMPS or B or better at National 5 or Higher in another Humanities subject or English
Progression	Advanced Higher RMPS
Information from	Mrs Grant

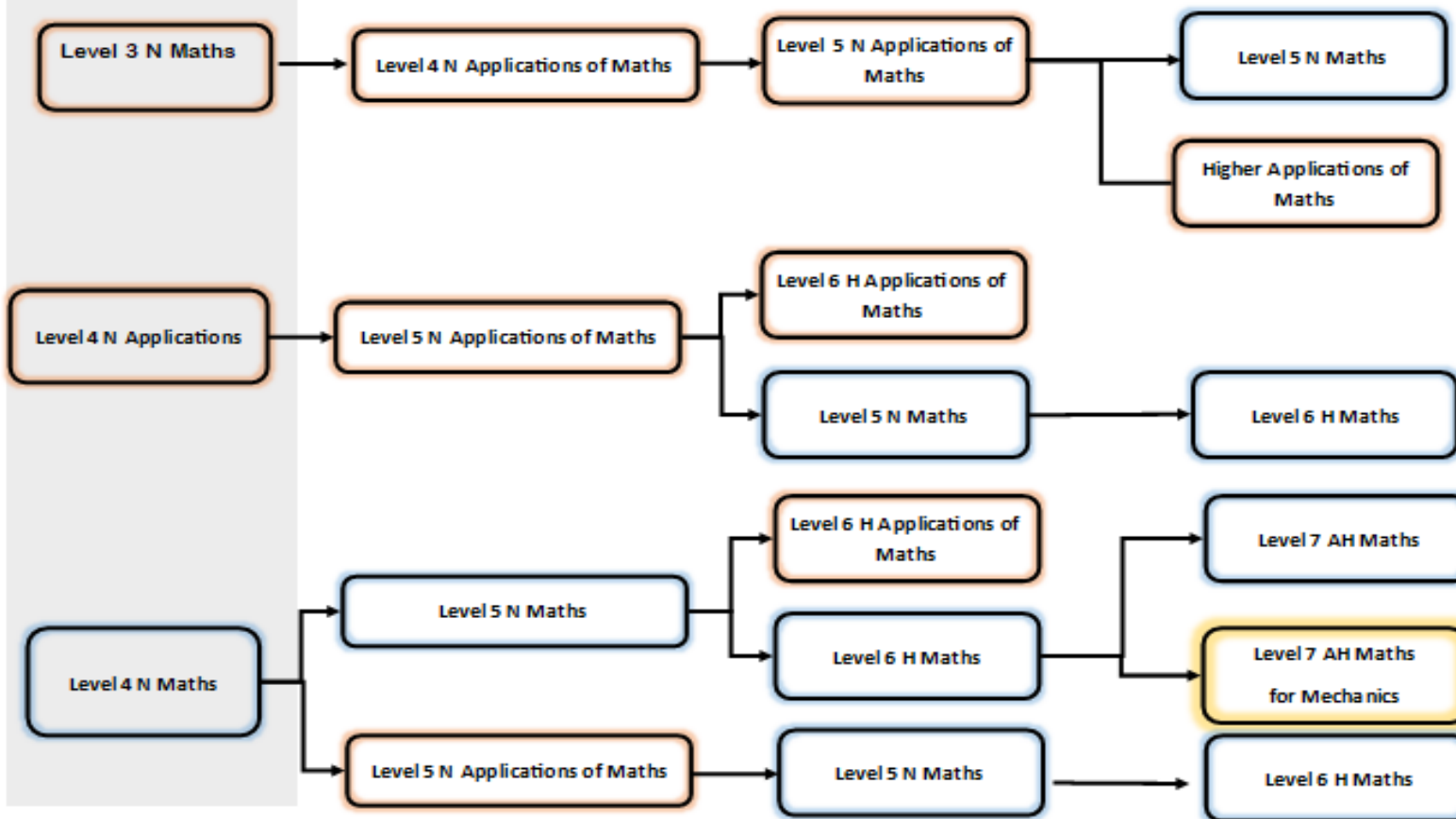
COURSE	Religious Moral and Philosophical Studies Advanced Higher Level 7
What will I cover?	<p>The course has three units:</p> <p><u>Philosophy of Religion</u></p> <p>There are two main components to this part of the course, the Existence of God and Atheism. You will analyse and evaluate two key arguments for the existence of God. You will explore the philosophical and scientific responses and criticisms of the cosmological argument and the teleological argument. In the atheism section of the course, you will learn about the history of atheism and will investigate various atheistic responses to the existence of God.</p> <p><u>Second Unit</u></p> <p>You will either study Religious Experience or Medical Ethics in this section of the course. If we study religious experience, we will explore what religious experiences are and distinct types of experiences. You will also examine the religious responses to these experiences, as well as the sociological, psychological, and scientific explanations for these experiences. If we look at Medical Ethics we will study Abortion, Uses of embryos, Euthanasia and Organ donation. You will be expected to evaluate different perspectives on the issues that we study.</p> <p><u>Course work: dissertation</u></p> <p>This is the coursework element which is written in your own time and submitted before the deadline set. You will identify a complex religious, moral, or philosophical question or issue and you should then research a wide range of views. You then must produce an in-depth report/essay answering the question. This report should be between 3000-4000 words long. You need to keep a note of your sources and produce a bibliography.</p>
Assessment	The course is marked out of 140 marks. Up to 50 marks can be awarded for the dissertation. The exam is out of 90 marks. You need to answer two 30 marks essays and answer source questions from both the Philosophy of Religion and Religious experience sections.
Homework	Is given regularly and it is essential that it is completed on time. Self-study also expected to keep up with the depth and rigour of the course.
Attainment	Advanced Higher RMPS
Entry Requirements	Higher RMPS
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	Applications of Maths 4/5
What will I cover?	<p>Applications of Mathematics brings mathematics into the real world with personal finances, statistics and measurement. Learners develop knowledge, understanding and skills that will enable them to apply mathematical ideas and strategies in real-life situations. These include managing finances, statistics, data and probability, geometry and measurement. Applications of Mathematics can be studied alongside ‘traditional’ mathematics or taken as an alternative. The courses equip learners with mathematical and statistical skills that support a range of curricular areas, including humanities, social sciences, health care, and business.</p> <p>The following provides a broad overview of the subject skills, knowledge and understanding developed in the course:</p> <ul style="list-style-type: none"> • analyse real-life situations and problems involving mathematics • identify valid mathematical operational skills to tackle real-life situations or problems • select and apply numeracy skills • select and apply skills in finance, statistics, measurement, geometry, graphical data and probability • use mathematical reasoning skills to draw conclusions or justify decisions • communicate mathematical information in an appropriate way
Assessment	<p><u>National 4:</u> You will take a series of internal module assessments (National 4 Numeracy, Geometry and Measure, Finance and Statistics, and Added Value).</p> <p><u>National 5:</u> There is an external exam at the end of this course.</p>
Attainment	Applications of Maths National 4/5
Entry Requirements	<p><u>National 4 Applications:</u> This course is open to those who have achieved National 3 or National 4 in Mathematics</p> <p><u>National 5 Applications:</u> This course is open to those who have achieved National 4, National 4 Applications or National 5 Mathematics (Please note that this is a separate course and considered as an additional National 5 Qualification)</p>
Progression	<p>National 4 Applications → National 5 Applications</p> <p>National 5 Applications → National 5 Mathematics</p>
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.
Information from	Mr Shaw

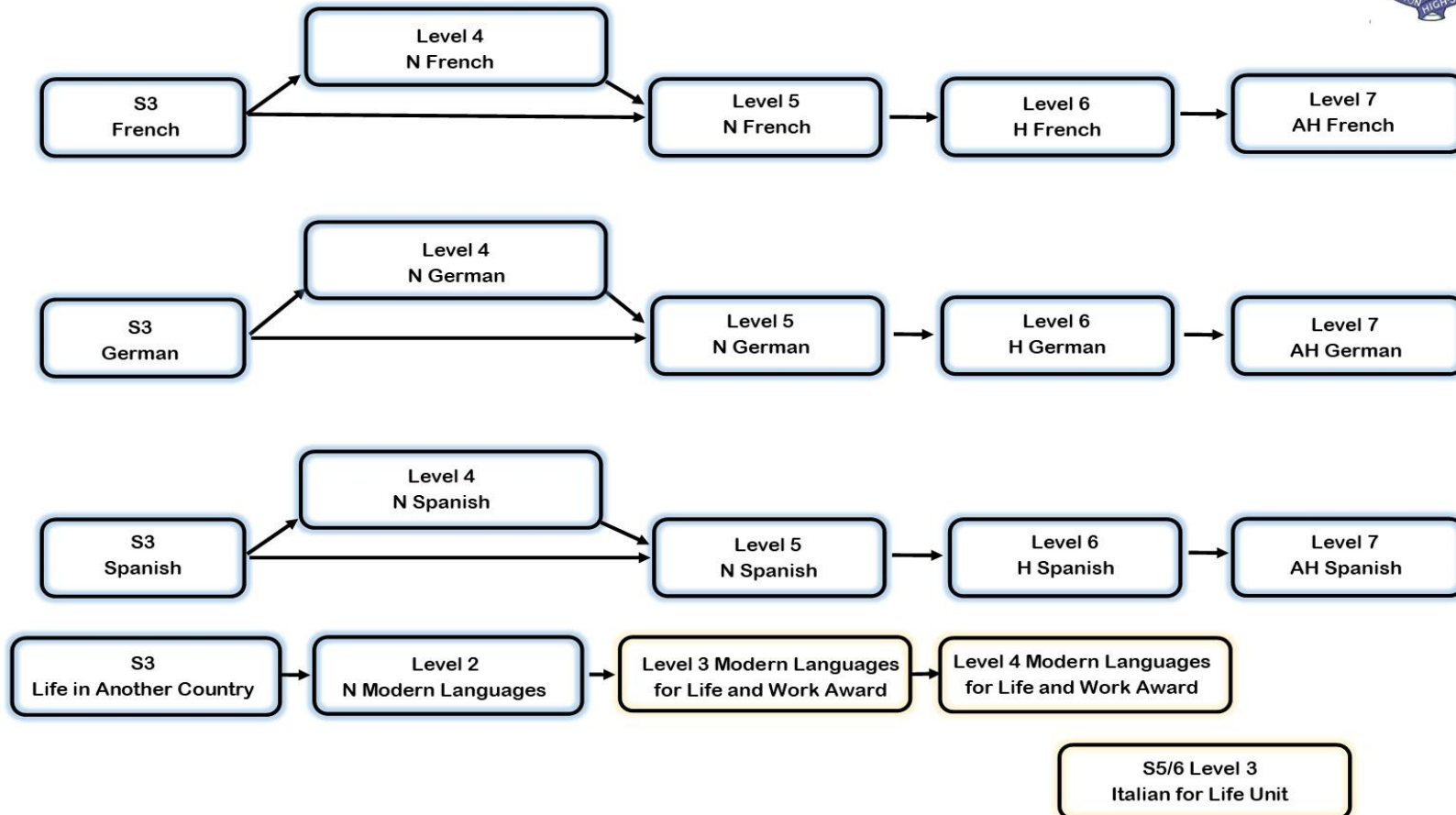
COURSE	Mathematics National 5
What will I cover?	<p>Throughout this course, candidates acquire and apply operational skills necessary for developing mathematical ideas through symbolic representation and diagrams. They select and apply mathematical techniques and develop their understanding of the interdependencies 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	Mathematics Higher Level 6
What will I cover?	This is a continuation of the National 5 course. Students will study to a greater depth topics in Algebra, Geometry, Trigonometry and Calculus. Topics include the Straight Line, Quadratic Theory, Recurrence Relations, The Circle, Polynomials, Vectors, The Wave Function, Differentiation, Integration and Applications.
Assessment	There is an external examination covering the work of 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 Higher
Entry Requirements	National 5 Mathematics at Grade C or above
Progression	Maths Advanced Higher
Information from	Mr Shaw

COURSE	Mathematics Advanced Higher Level 7
What will I cover?	<p>The course comprises three units:</p> <p>Unit 1 covers partial fractions, differential and integral calculus, and differential equations.</p> <p>Unit 2 covers binomial theorem, complex numbers, sequences and series, mathematical proof and applications of calculus.</p> <p>Unit 3 covers matrices and systems of equations, vectors, geometry of complex numbers, number theory and further proofs.</p>
Assessment	<p>INTERNAL ASSESSMENT</p> <p>There will be an assessment at the end of each unit.</p> <p>EXTERNAL ASSESSMENT</p> <p>There will be an examination covering the work of all three units at the end of the course.</p>
Homework	Students should expect an assignment at the end of each learning outcome and there will be a requirement to do some self-study to complete the course fully.
Attainment	Maths Advanced Higher
Entry Requirements	Higher Mathematics (at least grade C) is essential.
Information from	Mr Shaw

COURSE	Personal Finance National 5
What will I cover?	<p>The purpose of this award is to develop knowledge and skills to cope confidently and effectively with the types of financial matters individuals are likely to encounter. From student loans, to pensions, the award will prepare learners for financial decision making and managing personal finances throughout their lives.</p> <p>The course is made up of 2 mandatory units:</p> <ul style="list-style-type: none"> • Money Management • Understanding Money <p>The award covers a range of topics, including: calculating and comparing costs; household budgeting; different forms of borrowing; tax and National Insurance; credit cards; bank accounts; exchange rates, interest and inflation rates.</p>
Assessment	There is no exam at the end of this course. 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.
Homework	Students should expect homework after each lesson and at the end of each learning outcome.
Attainment	Personal Finance National 5
Entry Requirements	National 4 Maths After discussion with your Maths teacher or the PT Maths
Progression	
Information from	Mr Shaw

SENIOR PHASE PATHWAYS 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 assessments in each of the four skills of reading, listening, writing and talking. You must also complete an Added Value Unit. There is no external exam for National 4 French.</p> <p>National 5</p> <table> <tr> <td>Course Assessments</td> <td>Reading and Job Application Writing</td> <td>50 marks</td> </tr> <tr> <td></td> <td>Listening</td> <td>20 marks</td> </tr> <tr> <td></td> <td>Assignment Writing</td> <td>20 marks</td> </tr> <tr> <td></td> <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>	Course Assessments	Reading and Job Application Writing	50 marks		Listening	20 marks		Assignment Writing	20 marks		Talking	30 marks
Course Assessments	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	Ms Feeney												

COURSE	French Higher Level 6												
What will I cover?	This course will provide you with the opportunity to develop and extend 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 detailed and complex language in practical and relevant contexts, improve your communication skills and explore the life, culture, traditions and customs in some French speaking countries.												
Assessment	<table> <tr> <td>Course Assessments</td> <td>Reading and Directed Writing</td> <td>50 marks</td> </tr> <tr> <td></td> <td>Listening</td> <td>20 marks</td> </tr> <tr> <td></td> <td>Assignment Writing</td> <td>20 marks</td> </tr> <tr> <td></td> <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, directed writing and listening assessments take place at the end of the year during the main SQA exams.</p>	Course Assessments	Reading and Directed Writing	50 marks		Listening	20 marks		Assignment Writing	20 marks		Talking	30 marks
Course Assessments	Reading and Directed Writing	50 marks											
	Listening	20 marks											
	Assignment Writing	20 marks											
	Talking	30 marks											
Homework	Learning new vocabulary, grammar 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 time will also have to be devoted at home to preparation for assessments.												
Attainment	Higher French												
Entry Requirements	You should have a very good understanding of the work covered during the National 5 French course and you should have also done well in all assessments you completed.												
Progression	Advanced Higher French												
Information from	Ms Feeney												

COURSE	French Advanced Higher Level 7												
What will I cover?	This course will provide you with the opportunity to develop and extend 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 complex and sophisticated language in practical and relevant contexts, improve your communication skills and explore the life, culture, traditions and customs in some French speaking countries.												
Assessment	<table border="0"> <tr> <td>Course Assessments</td> <td>Reading and Translation</td> <td>50 marks</td> </tr> <tr> <td></td> <td>Listening and Discursive Writing</td> <td>70 marks</td> </tr> <tr> <td></td> <td>Portfolio - Analytical Writing</td> <td>30 marks</td> </tr> <tr> <td></td> <td>Talking</td> <td>50 marks</td> </tr> </table> <p>The reading and translation exam and the listening and discursive writing exam take place at the end of the year during the main SQA exams. The portfolio, which demonstrates your analytical writing skills, is completed in English and will be produced independently throughout the year. The talking assessment is completed with a visiting assessor from the SQA in February/March.</p>	Course Assessments	Reading and Translation	50 marks		Listening and Discursive Writing	70 marks		Portfolio - Analytical Writing	30 marks		Talking	50 marks
Course Assessments	Reading and Translation	50 marks											
	Listening and Discursive Writing	70 marks											
	Portfolio - Analytical Writing	30 marks											
	Talking	50 marks											
Homework	The Advanced Higher French course requires time and effort. You will complete a lot of your work independently, both in school and at home, as this course is the equivalent of first year university level. Learning new vocabulary, grammar and structures is an important part of learning a language. Homework tasks will be set throughout the year and time will also have to be devoted at home to developing language skills and preparation for assessments.												
Attainment	Advanced Higher French												
Entry Requirements	To cope with the demands of the course, you should have achieved a Grade A in Higher French.												
Progression	First Year University Level or Equivalent												
Information from	Ms 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 assessments in each of the four skills of reading, listening, writing and talking. You must also complete an Added Value Unit. There is no external exam for National 4 German.</p> <p>National 5</p> <table> <tr> <td>Course Assessments</td> <td>Reading and Job Application Writing</td> <td>50 marks</td> </tr> <tr> <td></td> <td>Listening</td> <td>20 marks</td> </tr> <tr> <td></td> <td>Assignment Writing</td> <td>20 marks</td> </tr> <tr> <td></td> <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>	Course Assessments	Reading and Job Application Writing	50 marks		Listening	20 marks		Assignment Writing	20 marks		Talking	30 marks
Course Assessments	Reading and Job Application Writing	50 marks											
	Listening	20 marks											
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	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	Ms Feeney												

COURSE	German Higher Level 6												
What will I cover?	This course will provide you with the opportunity to develop and extend 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 detailed and complex language in practical and relevant contexts, improve your communication skills and explore the life, culture, traditions and customs in some German speaking countries.												
Assessment	<table border="0"> <tr> <td>Course Assessments</td> <td>Reading and Directed Writing</td> <td>50 marks</td> </tr> <tr> <td></td> <td>Listening</td> <td>20 marks</td> </tr> <tr> <td></td> <td>Assignment Writing</td> <td>20 marks</td> </tr> <tr> <td></td> <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, directed writing and listening assessments take place at the end of the year during the main SQA exams.</p>	Course Assessments	Reading and Directed Writing	50 marks		Listening	20 marks		Assignment Writing	20 marks		Talking	30 marks
Course Assessments	Reading and Directed Writing	50 marks											
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	Talking	30 marks											
Homework	Learning new vocabulary, grammar 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 time will also have to be devoted at home to preparation for assessments.												
Attainment	Higher German												
Entry Requirements	You should have a very good understanding of the work covered during the National 5 German course and you should have also done well in all assessments you completed.												
Progression	Advanced Higher German												
Information from	Ms Feeney												

COURSE	German Advanced Higher Level 7												
What will I cover?	This course will provide you with the opportunity to develop and extend 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 complex and sophisticated language in practical and relevant contexts, improve your communication skills and explore the life, culture, traditions and customs in some German speaking countries.												
Assessment	<table border="0"> <tr> <td>Course Assessments</td> <td>Reading and Translation</td> <td>50 marks</td> </tr> <tr> <td></td> <td>Listening and Discursive Writing</td> <td>70 marks</td> </tr> <tr> <td></td> <td>Portfolio - Analytical Writing</td> <td>30 marks</td> </tr> <tr> <td></td> <td>Talking</td> <td>50 marks</td> </tr> </table> <p>The reading and translation exam and the listening and discursive writing exam take place at the end of the year during the main SQA exams. The portfolio, which demonstrates your analytical writing skills, is completed in English and will be produced independently throughout the year. The talking assessment is completed with a visiting assessor from the SQA in February/March.</p>	Course Assessments	Reading and Translation	50 marks		Listening and Discursive Writing	70 marks		Portfolio - Analytical Writing	30 marks		Talking	50 marks
Course Assessments	Reading and Translation	50 marks											
	Listening and Discursive Writing	70 marks											
	Portfolio - Analytical Writing	30 marks											
	Talking	50 marks											
Homework	The Advanced Higher German course requires time and effort. You will complete a lot of your work independently, both in school and at home, as this course is the equivalent of first year university level. Learning new vocabulary, grammar and structures is an important part of learning a language. Homework tasks will be set throughout the year and time will also have to be devoted at home to developing language skills and preparation for assessments.												
Attainment	Advanced Higher German												
Entry Requirements	To cope with the demands of the course, you should have achieved a Grade A in Higher German.												
Progression	First Year University Level or Equivalent												
Information from	Ms Feeney												

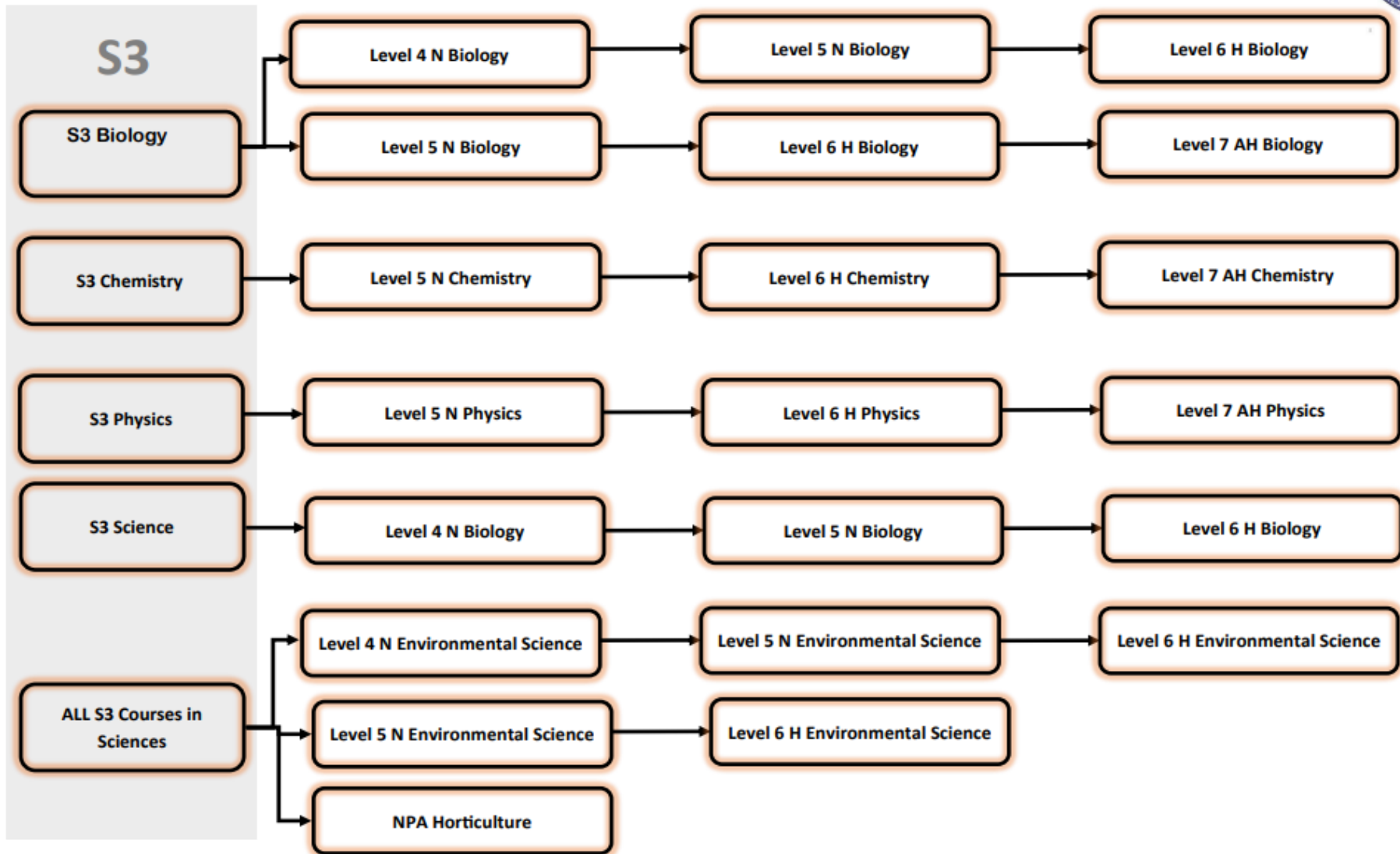
COURSE	Italian for Life Level 3
What will I cover?	<p>This course will provide you with the opportunity to develop your talking and listening skills in Italian in a practical and relevant context related to culture and everyday life. You will improve your communication skills, while also deepening your awareness of life, culture, traditions and customs. The language skills you gain will be applicable to everyday life.</p> <p>The course consists of one unit: Italian for Life.</p> <p>If you complete this unit, you will be able to take part in simple conversations and understand simple spoken language.</p>
Assessment	<p>To pass the unit, you must pass internal listening and talking assessments in Italian.</p> <p>The unit will be assessed by your teacher throughout the year.</p> <p>There is no external exam for the Italian for Life unit.</p>
Homework	<p>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 unit.</p>
Attainment	Italian for Life Unit – Level 3
Entry Requirements	Anyone with an interest in learning the language and willing to work hard at learning it.
Progression	Independent Study of Italian Outwith School
Information from	Ms 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 assessments in each of the four skills of reading, listening, writing and talking. You must also complete an Added Value Unit. There is no external exam for National 4 Spanish.</p> <p>National 5</p> <table> <tr> <td>Course Assessments</td> <td>Reading and Job Application Writing</td> <td>50 marks</td> </tr> <tr> <td></td> <td>Listening</td> <td>20 marks</td> </tr> <tr> <td></td> <td>Assignment Writing</td> <td>20 marks</td> </tr> <tr> <td></td> <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>	Course Assessments	Reading and Job Application Writing	50 marks		Listening	20 marks		Assignment Writing	20 marks		Talking	30 marks
Course Assessments	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	Ms Feeney												

COURSE	Spanish Higher Level 6												
What will I cover?	This course will provide you with the opportunity to develop and extend 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 detailed and complex language in practical and relevant contexts, improve your communication skills and explore the life, culture, traditions and customs in some Spanish speaking countries.												
Assessment	<table border="0"> <tr> <td>Course Assessments</td> <td>Reading and Directed Writing</td> <td>50 marks</td> </tr> <tr> <td></td> <td>Listening</td> <td>20 marks</td> </tr> <tr> <td></td> <td>Assignment Writing</td> <td>20 marks</td> </tr> <tr> <td></td> <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, directed writing and listening assessments take place at the end of the year during the main SQA exams.</p>	Course Assessments	Reading and Directed Writing	50 marks		Listening	20 marks		Assignment Writing	20 marks		Talking	30 marks
Course Assessments	Reading and Directed Writing	50 marks											
	Listening	20 marks											
	Assignment Writing	20 marks											
	Talking	30 marks											
Homework	Learning new vocabulary, grammar 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 time will also have to be devoted at home to preparation for assessments.												
Attainment	Higher Spanish												
Entry Requirements	You should have a very good understanding of the work covered during the National 5 Spanish course and you should have also done well in all assessments you completed.												
Progression	Advanced Higher Spanish												
Information from	Ms Feeney												

COURSE	Spanish Advanced Higher Level 7												
What will I cover?	This course will provide you with the opportunity to develop and extend 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 complex and sophisticated language in practical and relevant contexts, improve your communication skills and explore the life, culture, traditions and customs in some Spanish speaking countries.												
Assessment	<table border="0"> <tr> <td>Course Assessments</td> <td>Reading and Translation</td> <td>50 marks</td> </tr> <tr> <td></td> <td>Listening and Discursive Writing</td> <td>70 marks</td> </tr> <tr> <td></td> <td>Portfolio - Analytical Writing</td> <td>30 marks</td> </tr> <tr> <td></td> <td>Talking</td> <td>50 marks</td> </tr> </table> <p>The reading and translation exam and the listening and discursive writing exam take place at the end of the year during the main SQA exams. The portfolio, which demonstrates your analytical writing skills, is completed in English and will be produced independently throughout the year. The talking assessment is completed with a visiting assessor from the SQA in February/March.</p>	Course Assessments	Reading and Translation	50 marks		Listening and Discursive Writing	70 marks		Portfolio - Analytical Writing	30 marks		Talking	50 marks
Course Assessments	Reading and Translation	50 marks											
	Listening and Discursive Writing	70 marks											
	Portfolio - Analytical Writing	30 marks											
	Talking	50 marks											
Homework	The Advanced Higher Spanish course requires time and effort. You will complete a lot of your work independently, both in school and at home, as this course is the equivalent of first year university level. Learning new vocabulary, grammar and structures is an important part of learning a language. Homework tasks will be set throughout the year and time will also have to be devoted at home to developing language skills and preparation for assessments.												
Attainment	Advanced Higher Spanish												
Entry Requirements	To cope with the demands of the course, you should have achieved a Grade A in Higher Spanish.												
Progression	First Year University Level or Equivalent												
Information from	Ms 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 By negotiation with the department
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	National 5 Biology
Entry Requirements	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	Biology Higher Level 6
What will I cover?	<p>DNA and the genome The key areas covered are: Structure of DNA, Replication of DNA, Gene expression, Cellular differentiation, The structure of the genome, Mutations, Evolution, Genomic sequencing</p> <p>Metabolism and survival The key areas covered are: Metabolic pathways, Cellular respiration, Metabolic rate, Metabolism in conformers and regulators, Metabolism and adverse conditions, Environmental control of metabolism, Genetic control of metabolism</p> <p>Sustainability and interdependence The key areas covered are: Food supply, plant growth and productivity, Plant and animal breeding, Crop protection, Animal welfare, Symbiosis, Social behaviour, Components of biodiversity, Threats to biodiversity</p>
Assessment	Learners must sit an external exam (80%) and complete a practical investigation (20%). Both of these elements are externally marked.
Homework	About 2 hours per week to go over notes, answer questions and prepare for tests.
Attainment	Higher Biology
Entry Requirements	Pupils should have a grade A-C pass at National 5 level Biology, however, pupils with a C level pass may struggle with this course
Progression	Advanced Higher Biology
Information from	Mr Westgarth

COURSE	Biology Advanced Higher Level 7
What will I cover?	<p>Cells and Proteins The key areas covered are: Laboratory techniques for biologists, Proteins, Membrane proteins, Communication and signalling, Protein control of cell division</p> <p>Organisms and Evolution The key areas covered are: Field techniques for biologists, Evolution, Variation and sexual reproduction, Sex and behaviour, Parasitism</p> <p>Investigative Biology This Unit builds on the understanding of the scientific method from Higher Biology. Learners will develop knowledge and understanding of the principles and practice of investigative biology and its communication. This Unit covers scientific principles and processes, experimentation and critical evaluation of biological research.</p>
Assessment	Learners must sit an external exam (75%) and complete a practical investigation (25%). Both of these elements are externally marked.
Homework	About 2 hours per week to go over notes, answer questions and prepare for tests.
Attainment	Advanced Higher Biology
Entry Requirements	Pupils should have a grade A-C pass at Higher level Biology, however, pupils with a C level pass may struggle with this course.
Information from	Mr Westgarth, Mrs Cadden, Mrs Donoghue, Mr Towill, Miss Williamson

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 By negotiation with the department
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.
Information from	Mr Westgarth

COURSE	Chemistry Higher Level 6
What will I cover?	<p>Chemical Changes and Structure This Unit covers the knowledge and understanding of controlling reaction rates and periodic trends, and strengthens the learner's ability to make reasoned evaluations by recognising underlying patterns and principles.</p> <p>Nature's Chemistry This Unit covers the knowledge and understanding of organic chemistry within the context of the chemistry of food and the chemistry of everyday consumer products, soaps, detergents, fragrances and skincare.</p> <p>Chemistry in Society This Unit covers the knowledge and understanding of the principles of physical chemistry which allow a chemical process to be taken from the researcher's bench through to industrial production.</p> <p>Researching Chemistry This Unit covers the key skills necessary to undertake research in chemistry. Learners will research the relevance of chemical theory to everyday life by exploring the chemistry behind a topical issue.</p>
Assessment	Learners must sit an external exam (80%) and complete a practical investigation (20%). Both of these elements are externally marked.
Homework	About 90 minutes per week to go over notes, answer questions and prepare for tests.
Attainment	Higher Chemistry
Entry Requirements	Pupils should have a grade A-C at National 5 level Chemistry, however, pupils with a C level pass may struggle with this course.
Progression	Advanced Higher Chemistry
Information from	Mr Westgarth

COURSE	Chemistry Advanced Higher Level 7
What will I cover?	<p>Inorganic and Physical Chemistry This Unit develops a knowledge and understanding of the principles and concepts of inorganic and physical chemistry. Learners will discover how electromagnetic radiation is used in atomic spectroscopy to identify elements. They will extend an understanding of the concept of atomic structure by considering atomic orbitals and electronic configuration related to the periodic table. Using electron pair theory, learners will predict the shape of molecules. Learners will gain an understanding of the physical and chemical properties of transition metals and their compounds. Learners will investigate the quantitative component of chemical equilibria. They will develop their understanding of the factors which influence the feasibility of chemical reactions. Learners will progress their understanding of reaction kinetics by exploring the order and mechanisms of chemical reaction.</p> <p>Organic Chemistry and Instrumental Analysis This Unit develops a knowledge and understanding of organic chemistry. Learners will research the structure of organic compounds, including aromatics and amines, and draw on this to explain the physical and chemical properties of the compounds. They will consider the key organic reaction types and mechanisms, and link these to the synthesis of organic chemicals. Learners will discover the origin of colour in organic compounds and how elemental analysis and spectroscopic techniques are used to verify chemical structure. They will study the use of medicines in conjunction with the interactions of the drugs.</p> <p>Researching Chemistry In this Unit, learners will be given the opportunity to gain an understanding of stoichiometric calculations, to develop practical skills and to carry out research in chemistry. Learners will develop the key skills associated with a variety of different practical techniques, including the related calculations.</p>
Assessment	<p>EXTERNAL ASSESSMENT Learners must sit an external exam (75%) and complete a practical investigation (25%). Both of these elements are externally marked.</p>
Homework	About 2 hours per week to go over notes, answer questions and prepare for tests.
Attainment	Advanced Higher Chemistry
Entry Requirements	Pupils should have a grade A-C pass at Higher level Chemistry, however, pupils with a C level pass may struggle with this course
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 will complete an assignment which counts towards 20% of their overall grade and sit the final exam. The final exam is 2 hours 30 minutes and worth 100 marks.
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 By negotiation with the department
Progression	Higher Environmental Science Higher Geography
Information from	Mr Westgarth/Mrs Grant

COURSE	Environmental Science Higher
What will I cover?	<p>The course aims to develop interest and enthusiasm for environmental science in a range of contexts as well as building on investigative, experimental skills, statistical analysis and calculation. The course develops a deeper understanding of environmental issues and possible solutions.</p> <p>The course is divided into 3 units:</p> <p>Living Environment The key areas covered are: investigating ecosystems and biodiversity; interdependence; human influences on biodiversity.</p> <p>Earth's Resources The key areas covered are: The Geosphere; The Hydrosphere; The Biosphere; The Atmosphere</p> <p>Sustainability The key areas covered are: global challenges; food; water; energy; waste management and anthropogenic climate change</p>
Assessment	<p>INTERNAL ASSESSMENT You should expect end of unit assessments throughout the year.</p> <p>EXTERNAL ASSESSMENT Exam: Paper 1- 20 marks and 45 minutes Paper 2- 100 marks and 2 hours 45 minutes Assignment- based on a practical investigation. 20 marks and 2 hours is allowed for the report stage.</p>
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. Pupils should spend approximately 90 minutes on homework each week- this may include written tasks or going over notes.
Attainment	Higher Environmental Science
Entry Requirements	National 5 Environmental Science National 5 Geography or Biology By negotiation with the department
Progression	Higher Geography and other Higher Sciences by negotiation
Information from	Mr Westgarth/Mrs Grant

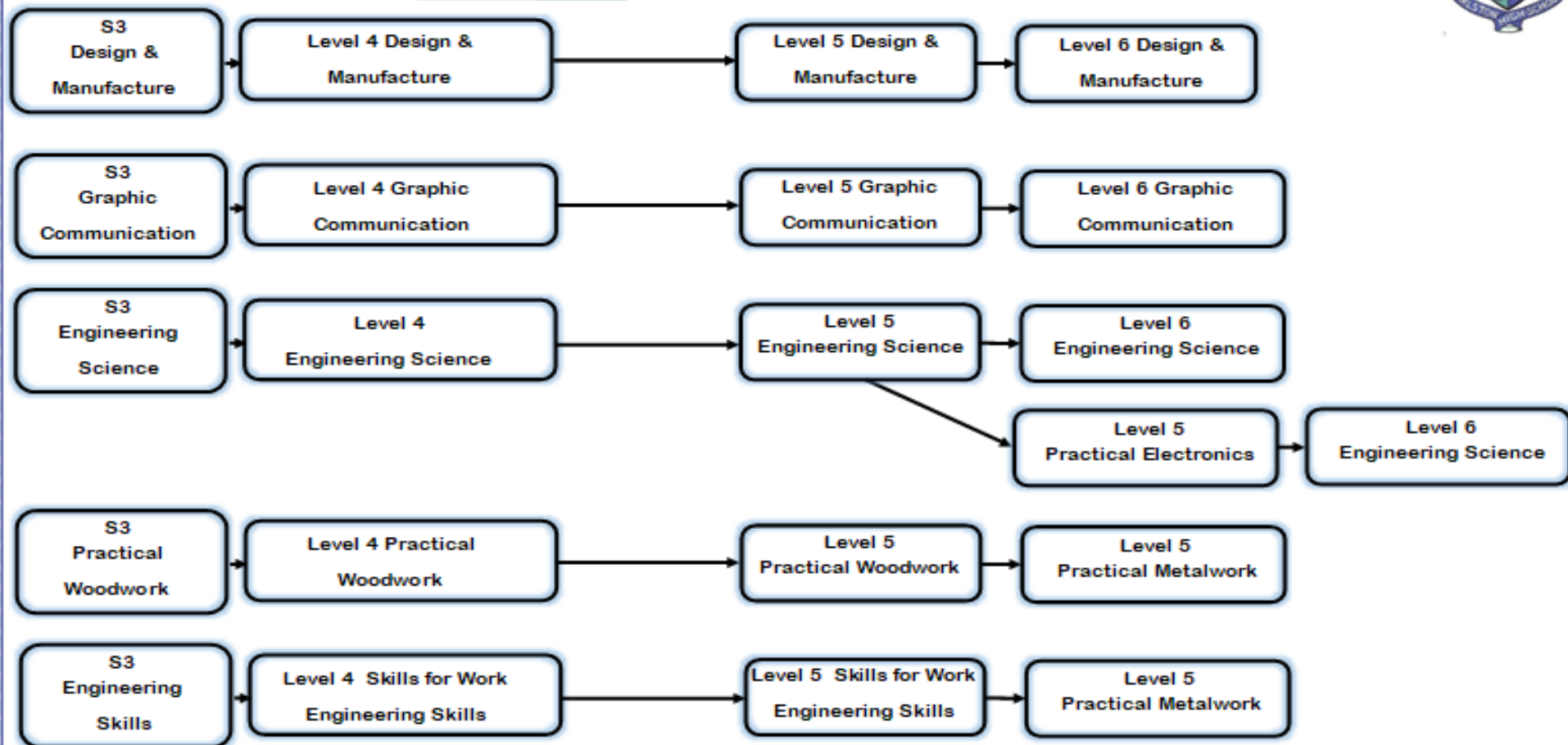
COURSE	Horticulture Level 4
What will I cover?	<p>This course introduces you to techniques that are important in the horticulture sector and covers areas such as allotment gardens and plant propagation.</p> <p>The course has 2 mandatory units:</p> <ul style="list-style-type: none"> • Allotment Gardening • 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.
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 /5 Physics
Entry Requirements	Having studied S3 Physics By negotiation with department
Progression	Higher Physics
Information from	Mr Westgarth

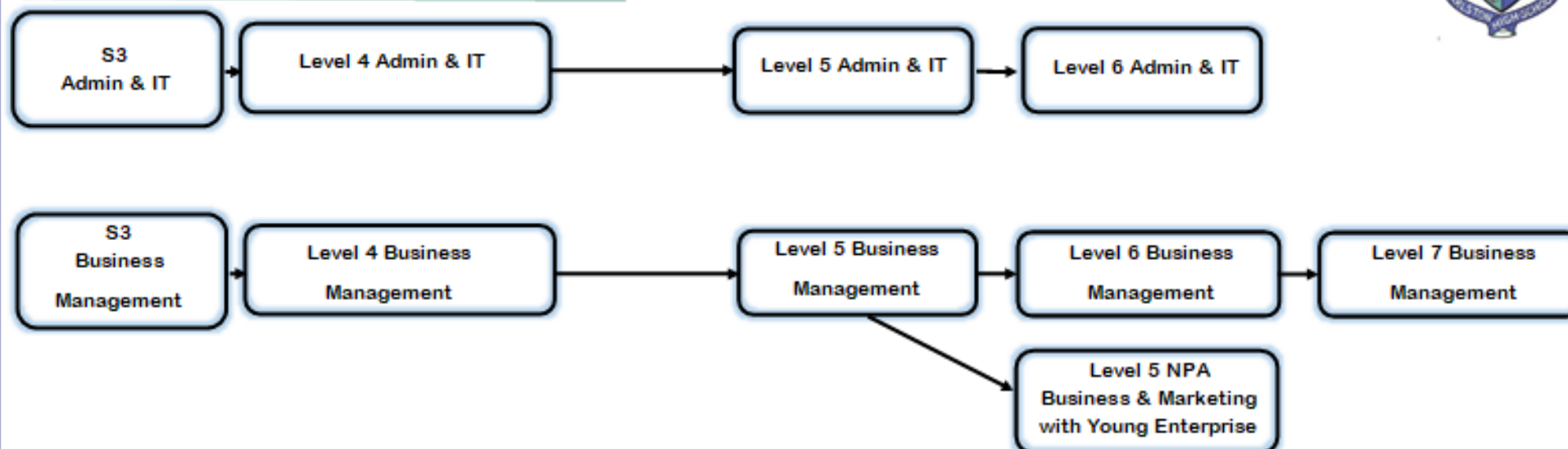
COURSE	Physics Higher Level 6
What will I cover?	<p>Advances of Physics are changing our understanding of our world. You will have a chance to deepen your knowledge of the physical laws governing the Universe and further develop a range of experimental and analytical skills.</p> <p>More detail of the course can be found by clicking HERE.</p> <p>Our dynamic Universe The topics covered are: Motion — equations and graphs, forces, energy and power, collisions, explosions, and impulse, gravitation, special relativity, the expanding Universe</p> <p>Particles and Waves The topics covered are: Forces on charged particles, the Standard Model, nuclear reactions, inverse square law, wave-particle duality, interference, spectra, refraction of light</p> <p>Electricity The topics covered are: Monitoring and measuring AC, current, potential difference, power, and resistance, electrical sources and internal resistance, capacitors, semiconductors and p-n junctions</p>
Assessment	<p>EXTERNAL ASSESSMENT Learners must sit an external exam and complete a practical investigation. Both of these elements are externally marked.</p>
Homework	About 90 minutes per week to go over notes, answer questions and prepare for tests.
Attainment	Higher Physics
Entry Requirements	Pupils should have a grade A-C pass at National 5 level Physics, however, pupils with a C level pass may struggle with this course.
Progression	Advanced Higher Physics
Information from	Mr Westgarth

COURSE	Physics Advanced Higher Level 7
What will I cover?	<p>In the Advanced Higher Physics course you will explore the mathematical laws that govern the Universe, including looking in detail at the life cycle of a star from nebula to supernova, the fundamental link between space and time, and what waves of light have to do with electric and magnetic fields. You will develop your experimental skills through independent planning of an investigation involving 3-4 experiments that you have designed, on a topic of your choice.</p> <p>More detail of the course can be found by clicking HERE.</p> <p>Rotational Motion and Astrophysics The topics covered are: Kinematic relationships, angular motion, rotational dynamics, gravitation, general relativity, stellar physics</p> <p>Quanta and Waves The topics covered are: Introduction to quantum theory, particles from space, simple harmonic motion, waves, interference, polarisation</p> <p>Electromagnetism The topics covered are: Fields, circuits, electromagnetic radiation</p> <p>Units, prefixes and uncertainties The topics covered are: Units, prefixes and scientific notation, uncertainties, data analysis, evaluation and significance of experimental uncertainties</p>
Assessment	<p>EXTERNAL ASSESSMENT Learners must sit an external exam and complete a practical investigation. Both of these elements are externally marked.</p>
Homework	About 2 hours per week to go over notes, answer questions and prepare for tests.
Attainment	Advanced Higher Physics
Entry Requirements	Pupils should have a grade A-C pass at Higher Physics, however, pupils with a C level pass may struggle with this course.
Information from	Mr Westgarth

SENIOR PHASE PATHWAYS CDT



SENIOR PHASE PATHWAYS Business Studies



COURSE	Administration & IT Level 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 using Microsoft packages while studying the theory of Admin in the workplace.</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 5 Administration & IT
Entry Requirements	<p>Having studied S3 Admin & IT</p> <p>Studying N5 Maths/apps of Maths</p> <p>By negotiation with the department</p>
Progression	Higher Administration & IT
Information from	Mr Anderson

COURSE	Administration & IT Level 6
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 using Microsoft packages while studying the theory of Admin in the workplace. There is more theory introduced compared to National 5.</p> <p>The course builds on the skills developed in the National 4/5 course.</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	<p>External examination worth 50 marks written question paper</p> <p>Practical Assignment in class (which will be externally marked) worth 70 marks.</p>
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	Administration & IT Higher
Entry Requirements	<p>Students who have achieved a good pass at National 5 Admin & IT</p> <p>Passed National 5 Maths and English</p> <p>By negotiation with the department</p>
Progression	Business & Enterprise NPA Level 5
Information from	Mr Anderson

COURSE	Business Management Level 4/5
What will I cover?	<p>This course looks at the theory of Business and how Business plays an important role in society. This involves writing extended answers.</p> <p>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	<p>Having studied S3 Business Management</p> <p>Studying National 5 English</p> <p>By negotiation with the department</p>
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 Anderson

COURSE	Business Management Higher Level 6
What will I cover?	<p>This Course gives students a good understanding of how businesses operate in the private, public and third sectors and their role in society. It focuses on key business areas such as finance, marketing and human resources management.</p> <p>The Course also emphasises the increasing role that information and communication technology (ICT) plays in business-orientated organisations. Learners will develop skills for learning, life and work that will be of instant use in the workplace. It supports personal financial awareness through developing learners' knowledge of financial management in a business context.</p> <p>There are three units:</p> <p>Understanding Business Management of Finance & Human Resources Management of Marketing & Operations</p>
Assessment	<p>INTERNAL ASSESSMENT</p> <p>There will be ongoing open book assessments which are graded pass/fail to collect a portfolio of evidence for internal units of the course. Students will also be required to sit End of Section Tests which are completed closed book.</p> <p>EXTERNAL ASSESSMENT</p> <p>Component One: Question paper (2 hours 15 minutes) consisting of: Section 1 – a case study/interpretation (30 marks) Section 2 – four extended response questions (40 marks)</p> <p>Component Two: Assignment (30 marks)</p> <p>The assignment will require learners to undertake the following tasks:</p> <ul style="list-style-type: none"> •Collect information/evidence relating to the context of the assignment •Analyse and evaluate the business data/information to reach conclusions •Produce a report relating to the context of the assignment <p>Research is done in the learners' own time and the report is written up under supervised conditions in class time. The report is submitted to the SQA for marking.</p>
Homework	Weekly extended response assignments and revising for end of section tests – approximately 1 hour 30 minutes to 2 hours per week.
Attainment	Higher Business Management
Entry Requirements	Students should have a pass at National 5 Business Management. Students who have not studied the subject at National 5 should have achieved a pass at National 5 English.
Progression	Advanced Higher Business Management
Information from	Mr Anderson

COURSE	Business Management Advanced Higher Level 7
What will I cover?	<p>This course helps candidates understand the underpinning principles which guide managerial decision making in business at local, national, and global levels. It develops candidates' ability to analyse business situations and reach valid, logical conclusions.</p> <p><u>There are 3 units of study:</u></p> <ul style="list-style-type: none"> • The External Business Environment • The Internal Business Environment • Evaluating Business Information
Assessment	<p>INTERNAL ASSESSMENT Students will be required to sit end of topic closed book assessments. There will also be monthly open book formative assessments.</p> <p>EXTERNAL ASSESSMENT Component 1: Question Paper (2 hours 45 mins) – 80 marks Component 2: Project (ongoing September – January) – 40 marks</p>
Homework	Weekly homework including written assignments, research tasks and keeping up with current business affairs.
Attainment	Advanced Higher Business Management
Entry Requirements	Students should have achieved at least a B grade in Higher Business and Higher English
Information from	Mr Anderson

COURSE	Business & Marketing NPA Level 5 with Young Enterprise
What will I cover?	<p>Running over the course of a full academic year, young people from S5 & S6 start up their own student company, running through the key milestones of developing an idea, conducting market research, creating the product or service, promoting that product and ultimately trading it All students take part in a Scottish Borders Company Programme Competition and the opportunity to achieve accreditation/SCQF points from completion of online milestones linked with Glasgow Kelvin College and a voluntary option to complete a reflective paper from Strathclyde University Business School.</p> <p>The National Progression Award links business and marketing skills which enhance the Young Enterprise Company programme working on various topics including – marketing, operations, understanding business set- up, event organisation, customers care and promotion.</p> <p>The course is made up of the following:</p> <ul style="list-style-type: none"> • Young Enterprise Scotland (YES) Company Programme - opportunities to apply classroom learning in real and relevant contexts, develop essential skills required for future life and work, engaging with a volunteer mentor from the world of work and opportunity to take part in the YES Company Programme qualification at SCQF Level 6 worth up to 30 credit points and Strathclyde University Business School exam reflecting on the business journey. • NPA Business and Marketing – including units on – <ul style="list-style-type: none"> • Marketing • Operations • Understanding Business • Events, promotion, and market research
Assessment	Pupils will have continual open book assessments which will be internally marked and verified. YES Company programme, Glasgow Kelvin College accreditation and Strathclyde University Business School exam are externally 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. Students will be expected to work together as a team developing their business which also may work outside the classroom time
Attainment	Business & Marketing NPA Level 5
Entry Requirements	<ul style="list-style-type: none"> • National 4 Business • National 5 English • By negotiation with the department
Progression	National 5 Business Management
Information from	Mr Anderson, Mrs Wright

COURSE	Design Manufacture Level 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 full prototypes of products they have designed.</p> <ul style="list-style-type: none"> • Design Unit — focuses on the process from brief to design proposals: analysing a design brief, generating and developing ideas, producing drawings/models/CAD, and planning for manufacture. • Materials & Manufacturing Unit — covers properties of materials (wood, metal, plastics, etc.), manufacturing processes and practical workshop skills needed to bring a design to life as a prototype/product. <p>Pupils will learn to:</p> <ul style="list-style-type: none"> • Investigate design problems and user needs • Create design proposals — sketches, models, CAD, specifications • Understand and choose appropriate materials and manufacturing processes • Use workshop tools and equipment safely and precisely • Manufacture a prototype or product from their design • Evaluate their design and manufactured product considering function, aesthetics, sustainability and user needs
Assessment	<p>Component 1 – Design Assignment: 55Marks 31% A workshop based design project on a topic set by the SQA worth 100 marks.</p> <p>Component 2 Practical: 45Marks 25%. Manufacturing their designed product in the workshop.</p> <p>Component 3 – Question paper. 80marks 44% An external exam set by the SQA worth 80 marks. Questions based on the theory of manufacture and design.</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 National 4 in Design and Manufacture or Art and Design. By negotiation with the department
Progression	Higher Design Manufacture
Information from	Mr Anderson

COURSE	Engineering Science Level 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 4/5 Engineering Science
Entry Requirements	Entry to the National 5 course is open to students who have studied S3 Engineering Science. National 5 Physics By negotiation with the department.
Progression	Higher Engineering Science, N5 Practical Electronics
Information from	Mr Anderson

COURSE	Engineering Science Level 6
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. It contributes to developing a deep understanding of engineering concepts by exploring a range of engineering problems with some complex features, and their solutions. This Unit allows the learner to explore some existing and emerging technologies and challenges, and to consider implications relating to the environment, sustainable development, and economic and social issues.</p> <p>Electrical and Electronic Systems This Units explores an appropriate range of key concepts and devices used in electronic control 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 develops a deepening understanding of mechanisms and structures. Skills in problem solving and evaluating are developed through simulation, practical projects and investigative tasks in a range of contexts.</p>
Assessment	<p>Course assessment:</p> <p>Component 1 – Assignment: 50 Marks. A coursework-based project to solve a technological problem, on a topic set by the SQA</p> <p>Component 2 – Question paper: 110 Marks. Set by the SQA</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 4/5 Engineering Science
Entry Requirements	<p>Entry to the Higher course is open to students who have a National 5 in Engineering Science or Physics. However students who achieve less than a B pass at National 5 will need to be prepared for the step up in knowledge and depth of answer needed to do well in Higher.</p> <p>Must have passed National 5 Maths.</p>
Information from	Mr Anderson

COURSE	Graphic Communication Level 4/5
What will I cover?	<p>National 5 Graphic Communication develops pupils' skills in visual communication, using both manual and digital techniques. Learners create clear, accurate drawings and graphics used in engineering, architecture, product design, advertising and digital media. This is fundamentally a practical based subject where pupils will learn:</p> <ul style="list-style-type: none"> • 2D Graphics: Technical drawing, standards, dimensioning, orthographic projection, layout and presentation. • 3D & Pictorial Graphics: Sketching, CAD modelling, rendering, visualisation and promotional graphics. • Graphic Principles: Colour, typography, layout, illustration and how graphics communicate information clearly. • Practical Skills: Manual drawing, 2D CAD, 3D CAD and presentation techniques.
Assessment	<p>Component 1 – Assignment: 40Marks. A coursework portfolio to showcase 2D and 3D skills, set by the SQA worth 40 marks.</p> <p>Component 2 – Question paper 80Marks. 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 Graphic Communication
Entry Requirements	National 4 in Graphic Communication or have studied Graphic Communication at S3 By negotiation with department.
Progression	Higher Graphic Communication
Information from	Mr Anderson

COURSE	Graphic Communication Level 6
What will I cover?	<p>Higher Graphic Communication provides learners with the knowledge and practical skills needed to communicate ideas and information visually. The course develops creativity, spatial awareness, problem-solving and technical drawing skills using both manual and digital methods. Pupils learn how graphic techniques are used in design, engineering, architecture, product development and the wider creative industries. The course is built around two main areas of study: 2D Graphic Communication 3D and Pictorial Graphic Communication. Pupils will build on their skills from National 5.</p> <ul style="list-style-type: none"> • 2D Graphics: Technical drawing, standards, dimensioning, orthographic projection, layout and presentation. • 3D & Pictorial Graphics: Sketching, CAD modelling, rendering, visualisation and promotional graphics. • Graphic Principles: Colour, typography, layout, illustration and how graphics communicate information clearly. • Practical Skills: Manual drawing, 2D CAD, 3D CAD and presentation techniques.
Assessment	<p>Course assessment</p> <p>Component 1 – Assignment: 50 Marks. A coursework portfolio to showcase 2D and 3D skills, set by the SQA worth 50 marks.</p> <p>Component 2 – Question paper 90 Marks. An external exam set by the SQA worth 90 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	Higher Graphic Communication
Entry Requirements	<p>National 5 in Graphic Communication.</p> <p>However students who achieve less than a B pass at National 5 will need to be prepared for the step up in knowledge and depth of answer needed to do well in Higher. Students who want to join the subject having not taken it before will need to spend a lot of external study time getting up to speed in using the specialist graphics software used in the subject.</p> <p>By negotiation with the department.</p>
Information from	Mr Anderson

COURSE	Practical Electronics Level 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 4/5 Practical Electronics
Entry Requirements	<p>National 4 Practical Electronics</p> <p>By negotiation with the department</p>
Progression	N5 Engineering Science
Information from	Mr Anderson

COURSE	Practical Metalwork Level 4/5
What will I cover?	<p>The Course has 3 units:</p> <p>Bench skills Candidates develop skills, knowledge and understanding in the use of metalworking hand tools, bench-fitting work, routine sheet-metal work, measuring and marking out, involving complex features. Candidates develop their ability to read and use drawings and diagrams depicting both familiar and unfamiliar metalwork tasks.</p> <p>Machine processes Candidates develop skills, knowledge and understanding in the use of metalworking machines, equipment, related processes, materials, measuring and marking out, involving complex features.</p> <p>Fabrication and thermal joining Candidates develop skills, knowledge and understanding in fabrication, forming and joining of metalwork components with some complex features. Candidates develop skills in thermal joining techniques and in measuring and marking out.</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 4/5 Practical Metalwork
Entry Requirements	By negotiation with the department
Progression	N5 Practical Electronics
Information from	Mr Anderson

COURSE	Practical Woodworking Level 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 carcase 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 4/5 Practical Woodworking
Entry Requirements	<p>National 4 Practical Woodworking</p> <p>By negotiation with the department</p>
Progression	N5 Practical Metalworking
Information from	Mr Anderson

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 school work.</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 Wilson or Mr Lawrenson