

Holyrood Secondary School



S3 Transitions

Moving from the Broad General Education into the Senior Phase

Pupils, Parents & Carers Guide



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What is the Senior Phase?

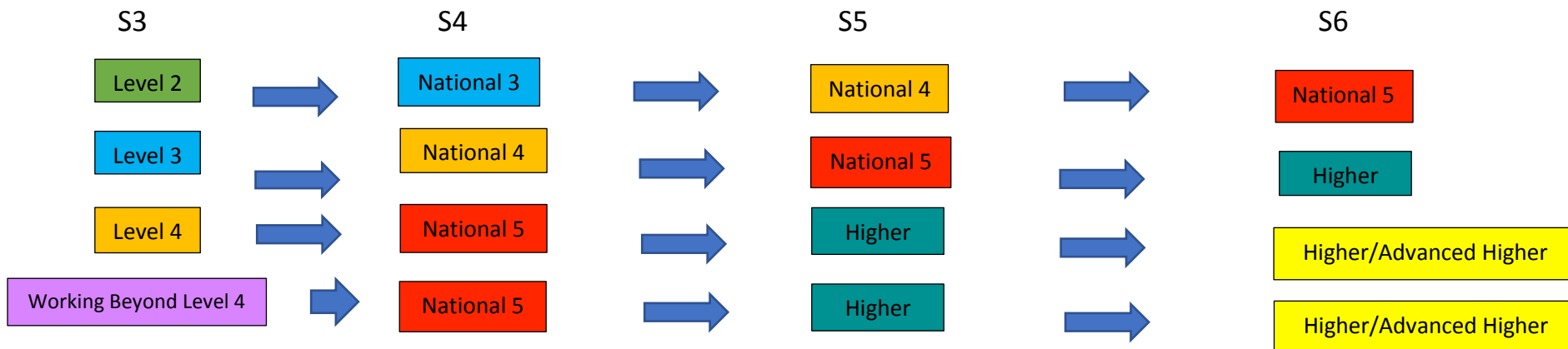
The Senior Phase of Curriculum for Excellence starts in S4. Our S1-3 curriculum provides all young people with a Broad General Education, providing learning experiences across all curricular areas while developing their capacity to become successful learners, confident individuals, responsible citizens and effective contributors.

Young people in Holyrood Secondary in S4 will study 7 subjects which will form their National Qualification subjects. These will include English and Maths and 5 elective subjects. Each subject receives 4 periods of teaching per week with 2 periods for Core RE and Core PE.

It is strongly recommended that pupils choose from the subjects they have experienced during S3 as the skills and knowledge they have developed in this time will be beneficial in accessing an appropriate level of study.

This booklet aims to give information about the wide range of subjects and experiences available to pupils in S4 to help select the subjects most relevant to their future plans and which should bring them success.

The Senior Phase Curriculum Pathways





Pathways beyond the Senior Phase

Most of the courses offered in the Senior Phase are certified by the Scottish Qualifications Authority (SQA).

These qualifications are called Nationals and most students will study 7 subjects at either National 3, 4 or National 5 in S4; a mixture of National 4 and 5s and Highers in S5; and a combination of Nationals, Highers and Advanced Highers in S6.

Careers

It is important for pupils to consider their S4 options carefully and to look at the qualifications required for further study or jobs in their areas of interest.

Skills Development Scotland Advisors are based within the school and can be found in the library. They are available to offer advice about training, jobs and college opportunities. They have great insight into the different pathways available for pupils looking to enter particular career areas.

Useful websites



The websites below provide information about different career paths including essential or useful subjects to study during school, level of qualification required for particular careers and pathways into various careers.

<https://www.skillsdevelopmentscotland.co.uk/>

<http://www.myworldofwork.co.uk/>

<https://www.planitplus.net/>





Assessment and SQA exams

Subjects at National 3 and National 4 level are assessed internally by teachers using SQA criteria. Pupils are required to pass unit assessments in various areas of study.

Most SQA subjects at National 5, Higher and Advanced Higher level are assessed by a piece of coursework, such as a folio or assignment and an external exam. Both of these elements are marked externally by the SQA. Coursework is usually submitted to the SQA in March/April with the external exams taking place in May.

Some practical subjects such as Music and Drama will have a practical exam with a visiting assessor. The dates of these are subject to the availability of the external examiner, but can take place as early as April.

SQA National 3 and 4 courses are graded Pass or Fail.

SQA courses in National 5, Higher and Advanced Higher are graded A-D.

The SQA website provides detailed information about the content of each subject and the assessment requirements. The SQA website is found at <http://www.sqa.org.uk/sqa/>

More information about the National Qualifications can be found at:

- Education Scotland <http://www.educationscotland.gov.uk/parentzone/>
- National Parent Forum <http://www.npfs.org.uk/nationals-in-a-nutshell/>



ENGLISH

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p><u>Aim of the Course</u> The aim of the English Course in the Senior Phase is to widen pupils' appreciation of Language and Literature and develop their Reading, Writing and Talk skills for Learning, Life and Work.</p> <p><u>Course Content</u> A broad range of texts is read, analysed and evaluated comprising Prose, Drama and Poetry, together with other forms of written and oral communication. There is a focus on Scottish Texts for pupils at Nat. 5 (and Higher) level.</p> <p>Pupils complete extended pieces of Writing in creative, discursive and informative styles, are encouraged to review and edit their work and focus on technical accuracy.</p> <p>In order to develop their Listening and Talking skills, pupils learn to express their opinions and share ideas in a confident and structured way, both as individuals and in groups.</p>	<p>In S4, pupils will commence studying English at Nat, 3, 4 or 5 level, depending on their progress in S3.</p> <p>In S5, they will study English at Nat. 4, Nat. 5 or Higher level, based on their performance in S4).</p>	<p>At Nat. 3 /4 levels, there is no examination: pupils are required to complete Units designed to assess the development of their skills in Reading, Writing Talk and Listening and to complete an Added Value Unit.</p> <p>At National 5 level, pupils complete a Folio consisting of two pieces of extended Writing: Creative and Discursive .There is also a requirement for pupils to demonstrate their skills in Spoken Language.</p> <p>There are two Papers in the Nat. 5 Examination :</p> <p>Paper 1 : Reading for Understanding, Analysis and Evaluation</p> <p>Paper 2 : Critical Reading</p>	<p>English is an incredibly useful subject as the skills you learn from studying English are marketable in most careers and can be easily transferred from one role to another.</p> <p>English is also a required subject in entry to many courses at college and university.</p> <p>Those who study English go on to work in a wide range of careers including:</p> <ul style="list-style-type: none"> • Teaching • Journalism • Marketing • Advertising • Customer Services • Research • Public Relations • Administration roles in a variety of different job sectors 	<p>BBC Bitesize bbc.com/bitesize/</p> <p>SQA – English Information Page https://www.sqa.org.uk/sqa/45672.html</p>



		<p><u>Expectations</u></p> <p>Pupils will be expected to complete all their Homework tasks and meet the deadlines set by their English Teacher for the submission of essays and other assignments.</p> <p>Purposeful use of the School Library's resources is actively encouraged.</p>		
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MATHEMATICS

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>We use mathematics to model real-life situations and make connections and informed predictions. Mathematics equips us with the skills we need to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions. In S4 we offer courses from National 3 to 5.</p> <p><u>National 5</u></p> <p>Units of work taught in National 5 Mathematics include:</p> <p>Expressions and Formulae Relationships Applications</p> <p>The National 5 course aims to:</p> <p>◆ Motivate and challenge candidates by enabling them to select and apply mathematical techniques in a variety of mathematical and real-life situations.</p>	<p>In S4 pupils will study Mathematics at National 3, 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Mathematics at National 4 or 5 or at Higher level in S5 depending on S4 performance.</p>	<p>Assessment for all courses will take place regularly through tasks and class tests.</p> <p>For National 5 there is an externally assessed final SQA examination at the end of the course. This consists of two papers, one non-calculator and one calculator paper.</p> <p>For National 3 and 4 courses, units of work covered will be assessed internally during the year in the mathematics department. For National 4 there is an additional Added Value assessment to be</p>	<p>Mathematics is vital for many career options. Please see the website links below for more information on how maths is used in the world of work.</p> <p>Maths careers http://www.mathscareers.org.uk/</p> <p>My World of Work https://www.myworldofwork.co.uk/</p>	<p>Maths Revision www.mathsrevision.com</p> <p>www.national5maths.co.uk</p>



<ul style="list-style-type: none">◆ Develop confidence in the subject and a positive attitude towards further study in mathematic.◆ Develop skills in manipulation of abstract terms to generalise and to solve problems.◆ Allow candidates to interpret communicate and manage information in mathematical form: skills which are vital to scientific and technological research and development.◆ Develop candidates' skills in using mathematical language and in exploring mathematical ideas .◆ Develop skills relevant to learning, life and work in an engaging and enjoyable way. <p><u>National 4</u></p> <p>Units of work taught in the National 4 course include: Expressions and Formulae Relationships Numeracy The National 4 course aims to:</p> <ul style="list-style-type: none">◆ Motivate and challenge learners by enabling them to select and apply straight forward mathematical skills in a variety of		completed and assessed internally at the end of the course.		
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<p>mathematical and real-life situations.</p> <ul style="list-style-type: none">◆ Develop confidence in the subject and a positive attitude towards further study in mathematics.◆ Enable the use of numerical data and abstract terms and develop the idea of generalisation.◆ Allow learners to interpret, communicate and manage information in mathematical form; skills which are vital to scientific and technological research and development.◆ Develop the learner’s skills in using mathematical language and to explore straightforward mathematical ideas.◆ Develop skills relevant to learning, life and work in an engaging and enjoyable way. <p><u>National 3</u></p> <p>The units of work taught in the national 3 course include:</p> <ol style="list-style-type: none">1. Managing Money and Data2. Shape, Space and Measure3. Numeracy <p>The aims of this Course are to enable learners to:</p>				
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<ul style="list-style-type: none">◆ Interpret real-life situations involving mathematics.◆ Investigate the use of basic mathematical ideas and number processes in real-life contexts.◆ Select and apply basic mathematical and numeracy skills in real-life contexts.◆ Interpret and use the results of calculations, measurements and data to make informed decisions.◆ Communicate mathematical information in an appropriate way.				
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ESOL

Course Content	Progression	Assessment & Exam	Useful Links
<p>The ESOL courses develop the skills of reading, writing, listening, and speaking for learners whose first language is not English so they can apply skills and knowledge of language in practical and relevant situations</p> <p>ESOL courses provide learners with the opportunity to develop the skills of reading, writing, listening, and speaking, using straightforward English language across two main contexts:</p> <p>ESOL for Everyday Life</p> <p>The purpose of this Unit is to develop the language skills needed for everyday life in familiar personal, social and transactional contexts.</p> <p>ESOL in Study/ Work Contexts</p> <p>The purpose of this Unit is to develop the language skills needed for familiar work and study-related contexts including college or job applications and</p>	<p>In S4 pupils will study ESOL at National 2, 3, 4 or 5 depending on S3 working levels.</p> <p>Depending on S4 performance, pupils can study up to Higher Level in S5.</p> <p>There is no Advanced Higher Level in ESOL.</p>	<p>National 2, 3 and 4 ESOL do not have an external exam. To pass courses at these levels you will have to provide evidence of reading, writing, speaking and listening in English across two broad contexts: everyday life and study/ work contexts</p> <p>At National 4 Level you will also have to complete a project known as the Added Value Unit in which you investigate and report on a topic of your choosing. To pass this Unit you will have to make a presentation to a class or small group.</p> <p>Courses in National 5 and Higher ESOL are assessed by means of an external exam. There are 3 separate exam papers: Reading, Writing and Listening. Talk is assessed through a Speaking Performance; a conversation between 2 or 3 pupils on a given topic. The Performance makes up 25% of the overall grade.</p>	<p>ESOL –SQA https://www.sqa.org.uk/sqa/45678.html</p> <p>ESOL – SQA e-learning https://www.sqa.org.uk/sqa/41718.html</p> <p>ESOL – SQA Support Materials https://www.sqa.org.uk/sqa/33697.html</p> <p>ESOL is accepted by most colleges and universities as an English Language Requirement. Individual courses will vary in the level and grade they require.</p>



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ADMINISTRATION AND IT

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Administration and IT course provides candidates with experience of real-life administration tasks and engaging practical activities relevant to the world of work. There is an emphasis on the development of transferable life skills and the application of these skills.</p> <p>Candidates are introduced to the responsibilities of organisations, the skills/qualities and tasks (duties) of the administrative support function, and the impact of these in the workplace.</p> <p>Candidates develop skills in IT, problem-solving, organising, and managing information. They</p>	<p>In S4 pupils will study Administration and IT at National 3, 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Administration and IT at National 4 or 5 or at Higher level in S5 depending on S4 performance.</p>	<p>National 3 and 4 Administration and IT do not have an external exam. You will be required to complete a project known as the Added Value Unit and 3 unit assessments.</p> <p>Courses in National 5 consist of 2 ICT based papers. Paper 1 the assignment is completed over 3 hours. This paper assesses candidates knowledge of Word, DTP, PowerPoint, Internet, E-mail, E-diary and Theory</p>	<p>All jobs require knowledge of ICT.</p> <p>Administrative Assistants Courts Officer Teaching Event’s Organiser Company Secretary IT Trainer Travel Consultant Estate Agent</p>	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>BrightRed Publishing https://www.brightredpublishing.co.uk/shop/login</p> <p>Mircosoft Support https://support.office.com/en-gb</p>



<p>select IT applications to create and edit business documents, gather and share information, and develop skills to communicate information.</p> <ul style="list-style-type: none">• skills in using spreadsheets, databases, word-processing, desktop publishing and presentations• in using technology for electronic communication and investigation• skills in organising and supporting events• problem-solving skills in administrative contexts• theory of the tasks (duties) and knowledge associated with the administrative support function in an organisation		<p>There is also an external exam - Paper 2 is completed over 2 hours. The paper assesses the candidates knowledge of Spreadsheets, Databases and Theory.</p>		
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ACCOUNTING

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>The National 5 Accounting course helps candidates develop skills in communicating essential financial information to various stakeholders and organisations. It combines the practical and theoretical aspects of learning related to accounting, allowing candidates to use information and communications technology (ICT) to complete tasks.</p> <p>The course comprises two areas of study:</p> <p>Financial Accounting</p> <p>Candidates develop skills, knowledge and understanding to prepare,</p>	<p>In S4 only National 5 Accounting is offered by the SQA. (There is no National 3 or 4 course available).</p> <p>Higher Accounting in S5 depending on National 5 performance.</p>	<p>The National 5 exam is 2 hours long.</p> <p>The question paper has 130 marks, which represents 72% of the overall marks for the course assessment. Approximately 10% (13 marks) of the paper will assess knowledge and understanding of accounting theory.</p> <p>There is also an assignment to be completed. This is 2 hours long.</p> <p>The assignment has 50 marks, which represents 28% of the overall marks for the course assessment. Candidates work through a series of tasks to prepare</p>	<p>Studying Accounting will enable you to acquire the skills and knowledge necessary for understanding and taking part in the world of business. Even if you are not planning a career in accounting, this subject helps to improve your personal effectiveness by developing your ability to think logically, work accurately, make decisions and solve problems.</p> <p>The skills that you develop in Accounting are useful in many careers such as finance, IT consulting, tax planning and management consulting.</p> <p>Some of the careers</p>	<p>Bright Red Publishing</p> <p>www.brightredpublishing.co.uk</p> <p>SQA</p> <p>https://www.sqa.org.uk</p>



<p>interpret and analyse financial accounting information by using the relevant accounting concepts and techniques. This information is used by stakeholders to assess their organisation's current financial position.</p> <p>Management Accounting</p> <p>Candidates develop skills, knowledge and understanding of internal accounting information, and are able to prepare this using a range of basic accounting techniques. This information is used by management when making decisions about the future planning and control of their business.</p>		<p>accounting information and financial statements, drawing on the skills, knowledge and understanding from the course.</p> <p>Both are marked by the SQA.</p>	<p>associated with Accounting are:</p> <ul style="list-style-type: none">• Accountant• Actuary• Bank or Building Society Manager• Company Secretary• Health Service Manager• Investment Banker• Tax officer• Credit Manager• Stockbroker• Management Consultant	
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BUSINESS/BUSINESS MANAGEMENT

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>The Business Courses in the Senior Phase are as follows:</p> <p>N3 & N4 Business</p> <p><u>Business in Action</u> In this unit learners will carry out activities that will give them an appreciation of how and why business develop and operate in today's society.</p> <p><u>Influences on Business</u> In this unit learners will carry out activities that will give them an appreciation of the impact that a range of internal and external influences has on a business decision making.</p> <p>N5 Business Management</p>	<p>In S4 pupils will study Business at National 3 and 4 or National 5 Business Management depending on S3 working levels.</p> <p>In S5, depending on performance in S4, pupils can choose to study N4 Business or N5 or Higher Business management.</p>	<p>In N3 Business you will be required to complete 2 unit assessments.</p> <p>In N4 you will be required to complete a project known as the Added Value Unit which involves researching an organisation, following a given criteria, and recording evidence of research plus 2 unit assessments.</p> <p>Both N3 and N4 are internally marked.</p> <p>Courses in N5 and Business Management consist of a written Assignment which involves researching an</p>	<p>There are a number of pathways for pupils to follow with the Business Management qualifications. Some of these include:</p> <p>Foundation Apprenticeship</p> <p>Modern Apprenticeship</p> <p>Graduate Apprenticeship</p> <p>NQ Accounts/Administration Business/Law/Marketing</p> <p>HNC/D Accounts/Administration Business/Law/Marketing</p>	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>The Apprentice – Also on youtube https://www.bbc.co.uk/iplayer/episodes/</p> <p>BBC Business News https://www.bbc.co.uk/news/business</p> <p>Bright Red Books http://www.brightredbooks.net/</p> <p>Dragons Den https://www.bbc.co.uk/programmes/b006vq92/episodes/guide</p>



<p><u>Understanding Business</u> N5 – Candidates are introduced to the business environment while developing skills, knowledge and understanding of enterprise.</p> <p><u>Management of Marketing and Operations</u> Candidates develop their understanding of the importance of effective marketing and operations systems to large organisations.</p> <p><u>Management of People and Finance</u> Candidates develop their understanding of the issues that large organisations face when managing people and finance.</p>		<p>organisation and producing a report which is externally marked by SQA.</p> <p>There is also a 2 hour external exam for National 5</p>	<p>Degree Accounts/Administration Business/Law/Marketing</p>	
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COMPUTING SCIENCE

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Computing Science Courses in the Senior Phase focus on four main areas: Programming, Web, Database and Computer Systems.</p> <p><u>Software Design and Development</u>: You will develop your programming and computational-thinking skills by implementing practical solutions and explaining how these programs work.</p> <p><u>Database Design and Development</u>: In this unit, you will create databases using a range of development tools such as SQL.</p> <p><u>Computer Systems</u>: You will develop an understanding of how data and instructions are stored in binary form and basic computer architecture. You will gain an awareness of the environmental impact of the energy use of computing systems and security precautions that can be taken to protect computer systems.</p>	<p>In S4 pupils will study Computing Science at National 3, 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Computing Science at National 4 or 5 or at Higher level in S5 depending on S4 performance.</p>	<p>Courses at National 3 and 4 Computing Science do not have an external exam. You will be required to complete a project known as the Added Value Unit.</p> <p>National 5 Computing Science consists of a practical assignment which focusses on Web, Database and Software development. This is externally marked by the SQA and contributes about 30% to your overall grade.</p> <p>There is also an</p>	<p>Computer Science is a practical subject, where invention and resourcefulness are encouraged. Pupils are expected to apply the academic principles they have learned to the understanding of real-world systems, and to the creation of purposeful artefacts. This combination of principles, practice, and invention makes it an extraordinarily useful and an intensely creative subject, suffused with excitement, both visceral (“it works!”) and intellectual (“that is so beautiful”).</p> <p>There are many different sectors in the computing industry and you would usually specialise in a particular area such as computer programming and software engineering, IT support, IT security, systems analysis and design, networks, database administration and web and multimedia.</p>	<p>Database national5computing.co.uk/sql/sqlzoo.net</p> <p>Web Development www.w3schools.com</p> <p>Software Development Visualstudio.net</p> <p>BBC Bitesize bbc.com/bitesize/</p>



Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p><u>Web Design and Development</u>: you will create practical solutions to web-based problems, using a range of development tools such as HTML, CSS and Javascript.</p>		<p>external exam for National 5 which is 2 hours long.</p>	<p>Some areas of this industry are related to engineering, such as electrical and electronics work.</p>	

GAMES DEVELOPMENT

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Games Development in the Senior Phase focuses on three main areas - Media Assets, Games Design and Games Development.</p> <p>Media Assets – you will gain an understanding of the different types of media assets required for developing a computer game. Learners will develop basic knowledge and skills that will allow them to identify legitimate methods for acquiring media assets and learn how to plan and produce media assets for use in a game development environment.</p> <p>Games Design - The purpose of this unit is to provide learners with a basic understanding of underlying concepts and fundamental principles involved in computer game planning and design.</p>	<p>In S4 pupils will study NPA Games Development at SCQF levels 4, 5 or 6 depending on S3 working levels. A National Progression Award is aimed at assessing a defined set of skills and knowledge in specialist vocational areas.</p> <p>Pupils can choose to study Games Development at level 4, 5 or 6 in S5 depending on S4 performance.</p>	<p>National Progression Awards do not have an external exam. Each of the three units is assessed through a series of tasks and activities. The final assessment involves the creation of a working computer game.</p>	<p>The NPAs in Computer Games Development introduce learners to the genres, trends and emerging technologies of the computer games industry. This suite of awards provides a foundation in techniques that are important to the sector, such as digital planning and design, creation of media assets, and development and testing — while also developing employability skills and Core Skills through enterprise activities.</p>	<p>Scratch https://scratch.mit.edu/</p> <p>Piskel https://www.piskelapp.com/</p> <p>Sound Effects https://www.bfxr.net</p>



<p>Games Development - The purpose of this unit is to allow learners to gain foundational knowledge and acquire skills in developing a basic computer game using a game development tool.</p>				
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BIOLOGY

Course content	Progression	Assessment & Exam	Careers	Useful Links
<p>The Biology course in the Senior Phase is a continuation of the course in S3. The three units are Life on Earth, Cell Biology and Multicellular Organisms</p> <p><u>Life on Earth:</u> this part of the course looks at the different components of an ecosystem and the role that abiotic and biotic factors have on biodiversity and the distribution of life. We will also look at human impact and the overuse of chemicals in agriculture.</p> <p><u>Cell Biology:</u> there was an introduction to the cell and its components in S3. In S4 the cellular reactions Osmosis,</p>	<p>In S4 pupils will study Biology at National 3, 4 or 5 depending on their working levels and commitment in S3.</p> <p><u>Moving to S5</u></p> <p>N3 in S3 ➡ N4 Science in S5</p> <p>N4 in S4 ➡ N5 in S5</p> <p>N5 in S4 ➡ Higher in S5</p>	<p><u>National 3</u> There is no external exam. To pass good attendance and passing internal assessments.</p> <p><u>National 4</u> There is no external exam. Internal assessments and completion of an Added Value Unit (AVU) – enzymes are the requirement.</p> <p><u>National 5</u> An external exam that will last for 2.5 hours worth</p>	<p>Biology is a subject that does not just develop and deepen knowledge but also develops skills in problem solving, literacy, critical thinking and numeracy.</p> <p>It makes routes within various health sector related careers more accessible, research, teaching, banking, sports and environmental based careers are to name a few that Biology can help you access.</p>	<p>All powerpoints from lessons are available on the school website.</p> <p>BBC Bitesize www.bbc.com/bitesize/</p> <p>National 5 Biology – Oronsay bed & breakfast www.oronsay.org/Nat5.htm</p> <p>SQA papers and answer marking schemes available online www.sqa.org.uk</p>



<p>Diffusion, Respiration, Photosynthesis and Protein synthesis will be covered. An extension of Genetic engineering and Mitosis and the introduction of enzyme reactions.</p> <p><u>Multicellular Organisms:</u> this part of the course starts with the hierarchal components of life. We will then look at Stem cells both human and plant. Moving onto the working of the human body and how it regulates itself, reproduction in plants and animals, variation and inheritance.</p>		<p>100 marks. An individually written assignment based on an experiment – enzymes. The exam paper and assignment are both marked externally.</p>		
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CHEMISTRY

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Chemical Changes and Structure Develop scientific skills and knowledge of the chemical reactions in our world. Through practical experience investigate rates of reaction, energy changes of chemical reaction, and the reactions of acids and bases and their impact on the environment. Focusing on these reactions, work towards the concept of chemical equations. Research atomic structure and bonding related to properties of materials. Topics covered include: rates of reaction; atomic structure and bonding related to properties of materials; formulae and reacting quantities; acids and bases.</p> <p>Nature's Chemistry Research the Earth's rich supply of</p>	<p>In S4 pupils will study Chemistry at National 3, 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Chemistry at National 5 or at Higher level in S5 depending on S4 performance.</p> <p>Pupils can also choose to study a Skills for Work course in Laboratory Science at level 5 in S5 depending on S4</p>	<p>National 3 and 4 Chemistry do not have an external exam. You will be required to complete a project known as the Added Value Unit, which is usually based on a practical investigation carried out in class.</p> <p>National 5 Chemistry has two parts to the course assessment. Assignment – written up under exam conditions and based on experimental work carried out in class. Contributes 20% to final grade and externally marked.</p>	<p>A chemistry qualification opens the door to a wide range of careers options, both in and out of the lab. There are endless interesting and rewarding science-based jobs available – these can be in research, outdoors or in other industries you might not have thought of. As a chemist you could:</p> <p>Fight disease by discovering new medicines</p> <p>Protect the environment</p> <p>Invent new products and materials, including cosmetics, paints, food and drink, plastics and much more.</p> <p>Solve crime using forensic analysis</p>	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>Royal Society of Chemistry www.rsc.org</p> <p>Faces of Chemistry – chemistry in real life and in different careers http://www.rsc.org/learn-chemistry/collections/faces-of-chemistry</p>



<p>natural resources which are used by each and every one of us. Investigate how fossil fuels are extracted and processed for use. Investigate the chemistry of using fuels, their effect on the environment and the impact that renewable energy sources can have on this; plants as a source of fuels, carbohydrates and consumer products. Topics covered include: homologous series; everyday consumer products; energy from fuels.</p> <p>Chemistry in Society Focus on the chemical reactions, properties and applications of metal and alloys. The chemistry of metals in chemical cells is explored. Through research, compare and contrast the properties and applications of plastics and new materials. Investigate the use of fertilisers, the formation of elements, and the presence of background radiation, and research the use of chemical analysis for monitoring the environment. Topics covered include: metals; plastics; fertilisers; nuclear chemistry; chemical analysis.</p>	<p>performance.</p> <p>A Higher pass at a grade A or B would allow pupils to progress to Advanced Higher chemistry in S6.</p>	<p>Exam – 2 hour 30 minute exam paper assessing the whole course. Contributes 80% to final grade.</p>	<p>Inspire others through teaching chemistry Move into areas you had never even considered</p> <p>Only about a third of chemistry graduates get a job working in a laboratory. Studying chemistry can provide you with a whole range of useful skills that are highly valued by employers in all sectors;</p> <ul style="list-style-type: none">• Scientific and technical knowledge• Numeracy• IT and technology• Communication• Literacy• Presentation Skills• Problem Solving and creativity• Team work• Time management and organisation• Logical thinking	
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PHYSICS

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>In the senior phase, pupils will build on previous learning to develop their skills, knowledge and understanding of physics by taking part in a range of experiments and practical activities. The course is divided into three main topics: Dynamics and space; Electricity and properties of matter and Waves and radiation with minor differences between the various levels.</p> <p><u>Dynamics and space:</u> In this unit, pupils will learn how to describe the motion of objects, develop an understanding of the forces underpinning movement and consider problems of motion from an energy perspective. In addition, pupils will discover our current</p>	<p>In S4 pupils will study Physics at National 3, 4 or 5 depending on the level of attainment achieved in S3.</p> <p>In S5, pupils can choose to study Physics at National 4 or 5 or at Higher level depending on S4 performance.</p> <p>In S5, pupils may also opt to follow a related subject such as Science at</p>	<p>There is no final exam at National 3 or 4 levels. However, pupils must pass a number of internal assessments including three unit tests and a practical investigation. At National 4 there is also an 'added value' assignment. This requires independent research and is written up under exam conditions.</p> <p>The N5 course assessment takes the form of a question paper comprising 80% of the overall mark and an assignment worth 20% of</p>	<p>Physics is highly regarded when making applications for college and university courses because of the high level of problem solving, numeracy and literacy skills developed as part of the subject.</p> <p>In addition, the broad training inherent in the study of physics means that no matter what career you have in mind, employers will value the combination of core and transferable skills associated with a physics qualification at all levels.</p> <p>Physicists are often driven by curiosity and work at the cutting</p>	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>Physics –Education Scotland https://education.gov.scot/nationalqualifications/resources/physics</p> <p>The Physics Classroom https://www.physicsclassroom.com/</p>



<p>understanding of the universe, apply the principles of motion to solving problems in space travel and reflect upon the risks and benefits of space exploration.</p> <p><u>Electricity and properties of matter:</u> In this section, learners will study the fundamentals of electricity, explore the characteristics of simple electrical circuits and the properties of input and output electronic devices. This knowledge will be applied in electronic systems to provide practical solutions to real-life problems. Pupils will also investigate temperature, pressure and volume to acquire an understanding of the kinetic theory of gases and the gas laws.</p> <p><u>Waves and radiation:</u> In this topic, pupils will investigate the key characteristics of waves, develop their knowledge of the electromagnetic spectrum, its use in a wide range of applications and the properties of light. Pupils will gain an insight into the nature of nuclear radiation and its effect on living things. They will learn how to</p>	<p>National 4 or Practical Electronics at National 4 or 5 levels.</p>	<p>the total grade. The duration of the written exam is 2.5 hours and consists of a combination of multiple choice questions and written responses. The assignment involves carrying out a practical experiment and independent research that is written up under exam conditions. It is recommended that no more than 8 hours is spent on the assignment with a maximum of 1.5 hours allowed for the reporting stage.</p>	<p>edge of science and technology. Qualified physicists find employment in a range of careers and industries including:</p> <ul style="list-style-type: none">• Aerospace and transport• Communications and computers• Design and construction• Electricity and energy• Engineering and technology• Sport and computer games• Television and music• Law and finance• Medicine and health• Environment and meteorology• Teaching and research <p>Whatever your intended career, a qualification in Physics can help you achieve it.</p>	
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perform simple dose rate calculations, consider the health implications of nuclear exposure and examine the role of nuclear radiation in the generation of electricity, industry and medical applications.				
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HISTORY

“We are not makers of History, we are made by History” Martin Luther King

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>History Courses in the Senior Phase focus on three main areas of History; Scottish, British and European.</p> <p><u>Scottish History:</u> This part of the course looks at the Impact of the Great War on Scotland. Firstly by looking at the life of soldiers in the trenches, then going onto examination life on the Home Front. Finally, pupils will investigate the impact the war had on Scottish 5 key industries and the Scottish political scene.</p> <p><u>British History:</u> In this unit, we focus on the problems faced by the poor in 19th century Britain. Initially we look at the lack of help available to the poor, then consider why the government’s</p>	<p>In S4 pupils will study History at National 3, 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Geography at National 4 or 5 or at Higher level in S5 depending on S4 performance.</p>	<p>National 3 and 4 History do not have an external exam. You will be required to complete a project known as the Added Value Unit, which is usually based on a part of the History course you have found most enjoyable.</p> <p>Courses in National 5 History consist of a written Assignment which focusses on an area of historical enquiry. Many pupils choose to base their Assignment on a part of the course they would like to</p>	<p>History is a useful subject in applying for a wide variety of courses at college and university because of the literacy, source evaluation and analytical skills developed as part of the course.</p> <p>A History degree enables you to embark on a career in a range of fields, including those in the education, diplomatic service, media, archiving, tourism and public sectors. You'll also have many transferable skills, attracting employers from the political, business, law and finance sectors.</p> <p>Historians are versatile people</p>	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>You Tube Channels Dan Snow’s History Hit</p> <p>BBC WW1 Uncut</p>



<p>attitude towards helping the poor changed. Finally, it will be evaluated whether the attempts by the Liberal and Labour government made any improvements to the lives of the poor.</p> <p>World History: This unit covers the History of Germany between 1918 and 1939. It will look at the problems faced by the Weimar government in the years following the Great War. It will then ask you to evaluate what you think is the most important reason why Hitler and the Nazis came to power in 1933. Finally, pupils will study life in Germany under the control of the Nazis. A focus will be on the impact this made on the lives of both young people and the Jewish population of Germany.</p>		<p>investigate further. The Assignment is a write up which takes place under exam conditions and is externally marked by the SQA.</p> <p>There is also an external exam for National 5.</p> <p>The National 5 History exam is 2 hours 20 minutes long.</p>	<p>and can be found in a wide variety of careers. Some of the careers associated with History are:</p> <ul style="list-style-type: none">• Teaching (Primary and Secondary)• Journalism• Law• Librarianship• Museum work• Publishing• Politics	
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GEOGRAPHY

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Geography Courses in the Senior Phase focus on three main areas; The Physical Environment, The Human Environment and Global Issues.</p> <p>Physical Environment: This part of the course looks at landscapes found in the UK and the processes taking place over hundreds of thousands of years that formed them. We will also look at how these landscapes are used by people currently. This unit also looks at weather systems which influence the UK and how these are forecast.</p> <p>Human Environment: In this unit, we focus on the growth of cities in the developed and in the developing world and how these cities differ. We look at the problems these cities face,</p>	<p>In S4 pupils will study Geography at National 3, 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Geography at National 4 or 5 or at Higher level in S5 depending on S4 performance.</p>	<p>National 3 and 4 Geography do not have an external exam. You will be required to complete a project known as the Added Value Unit, which is usually based on fieldwork carried out as part of the Geography course.</p> <p>Courses in National 5 Geography consist of a written Assignment which focusses on an area of geographical enquiry. Many pupils choose to base their Assignment on fieldwork that is carried out as part of the Geography</p>	<p>Geography is a useful subject in applying for a wide variety of courses at college and university because of the literacy, numeracy and problem solving skills developed as part of the course.</p> <p>A geography degree enables you to embark on a career in a range of fields, including those in the education, commerce, industry, transport, tourism and public sectors. You'll also have many transferable skills, attracting employers from the business, law and finance sectors.</p> <p>Geographers are versatile people and can be found in a</p>	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>National Geographic www.nationalgeographic.com/</p> <p>You Tube Channels Time for Geography</p>



<p>such as poor housing and traffic congestion and how they have been reduced. We also study the influences in rural areas where farming changes and modernisation has changed rural communities across the UK and the world.</p> <p>Global Issues: This unit studies two current environmental issues and looks at why these issues are found in particular parts of the world, the problems that occur because of the issue and the solutions that have been found to the issue. This could involve looking at deforestation in the world's rainforests, the impact of environmental hazards around the world or the benefits and disadvantages of tourism.</p> <p>During your time studying Geography, you will have the opportunity to take your learning into the outdoors with trips to support the topics you are learning about in class.</p>		<p>course. The Assignment is a write up which takes place under exam conditions and is externally marked by the SQA.</p> <p>There is also an external exam for National 5.</p> <p>The National 5 Geography exam is 2 hours 15 minutes long and includes mapwork based questions.</p>	<p>wide variety of careers. Some of the careers associated with Geography are:</p> <ul style="list-style-type: none">• Environmental Services and Environmental Management• Urban (Towns and Cities) Planning• Oil Industry – Geology/Geophysics• Travel and Tourism Industry• Surveying• Meteorologist (monitoring the weather and preparing for extreme conditions)	
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MODERN STUDIES

“The ballot is stronger than the bullet” Abraham Lincoln

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Modern Studies Courses in the Senior Phase focus on three main areas of Democracy; Social Issues: International Issues.</p> <p><u>Democracy in the UK:</u> In this part of the course candidates develops knowledge and understanding of the ways in which society is informed about, able to participate in and influence the political system. They develop an understanding of their rights and responsibilities in contemporary democratic political society.</p> <p><u>Social Issues:</u> Pupils will study the crime and the law context. Candidates focus on the nature, extent and causes of crime, the impact of crime on individuals and society and the role of</p>	<p>In S4 pupils will study Modern Studies at National 3, 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Modern Studies at National 4 or 5 or at Higher level in S5 depending on S4 performance.</p>	<p>National 3 and 4 Modern Studies do not have an external exam. You will be required to complete a project known as the Added Value Unit, which is usually based on a part of the Modern Studies course you have found most enjoyable.</p> <p>Course in National 5 Modern Studies consist of a written Assignment that should refer to a contemporary political, social or international issue. The Assignment is a write up which takes place under exam conditions and is</p>	<p>Modern Studies is a useful subject in applying for a wide variety of courses at college and university because of the literacy, numeracy, source evaluation and analytical skills developed as part of the course.</p> <p>Modern Studies can lead to the study of Criminology, Politics, Sociology, or International Relations degree. Careers in a range of fields, including those in the legal, political, education, diplomatic service, media and public sectors. You'll also have many transferable skills, attracting employers from the business and finance sectors.</p>	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>You Tube Channels Channel 4 news Crash course Politics Crash course Sociology</p>



<p>individuals, the police, the legal system and the state in tackling crime.</p> <p>World Power: The world power studied is the USA. The unit focuses on the political system in the USA and the various ways that people can participate. You will also look at its international relations the extent of the socio-economic issues that create divisions between the rich and the poor.</p>		<p>externally marked by the SQA.</p> <p>There is also an external exam for National 5.</p> <p>The National 5 Modern Studies exam is 2 hours 20 minutes long. In each section pupils will complete questions based on knowledge and those that will require the evaluation of sources.</p>	<p>Historians are versatile people and can be found in a wide variety of careers. Some of the careers associated with Modern Studies are:</p> <ul style="list-style-type: none">• Teaching (Primary and Secondary)• Journalism• Law• Trade Union work• Diplomatic Services• Publishing• Politics• Paralegal	
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PRACTICAL CRAFT SKILLS - WOODWORK

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Practical Woodwork – National 4 and 5</p> <p>Aims of the Course The Course is largely workshop-based, providing a broad introduction to practical woodworking. The course activities also provide opportunities to build self-confidence and to enhance generic and transferable skills in numeracy, employability skills, thinking skills, planning and organising of work tasks, working independently and in collaboration with others, as well as skills in communication and skills in self- and peer-evaluation. The Course helps learners to develop safe working. It allows them to learn how to use a range of tools, equipment and materials safely and</p>	<p>In S4 pupils will study Practical Craft Skills Woodworking at National 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study at National 4 or 5 in S5 depending on S4 performance. There is no higher available in Practical Craft skills. The progression route for students achieving a</p>	<p>Practical Craft Skills Woodworking Courses at National 5 level</p> <p>Assessment The exam will be 30% of the course The Course Assignment will be 70% of the course. Pupils will complete unit assessment work and a Course Assignment that is set within a single context where the learner can demonstrate an application of their skills, knowledge and understanding. Demonstrate an ability to read drawings, work</p>	<p>Practical Craft Skills Woodworking is a useful subject in applying for apprenticeships and wide variety of Vocational courses at college enables the student to prepare for Apprenticeship type training in:</p> <ul style="list-style-type: none"> • Construction – all trades • Engineering - all trades • Furniture / cabinet making • FE Vocational Courses - NQ LEVEL to HND level 	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>www.technologystudent.com</p> <p>education Scotland</p>



<p>correctly. Practical woodwork allows pupils to develop skills in reading drawings and diagrams, measuring and marking out, as well as cutting, shaping and finishing materials.</p> <p>Course Content The Course provides opportunities to develop and e practical creativity, practical problem-solving skills, an appreciation of safe working practices in a workshop environment and an understanding of sustainability issues in a practical woodworking vocational context.</p> <p>Skills</p> <ul style="list-style-type: none"> • Develop skills in woodworking techniques • Be able to Plan out , measure and mark out timber sections and sheet materials • Work safely in a workshop environment • practical creativity and problem-solving skills • Understand sustainability issues in a practical woodworking context This Course will also give pupils the opportunity to develop thinking skills and skills in 	<p>national 5 practical craft skills in woodwork Would be to apply for a vocational training course at FE . or seek an Apprenticeship</p>	<p>independently and share resources, have an ability to demonstrate record and planning and follow health and Safety rules and procedures</p> <p>Courses at National 4 level Do not have an external exam. You will be required to complete the Added Value Unit, plus unit assessment work National 4 Assessment Pupils will complete an added value Course Project that is set within a single context from a SQA given brief where the learner can demonstrate an application of their skills, knowledge and understanding. Demonstrate an ability to read drawings, work independently and share resources, have an ability to demonstrate record and planning.</p>		
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numeracy, employability.				
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GRAPHIC COMMUNICATIONS

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Aims of the Course</p> <ul style="list-style-type: none"> To develop skills in graphic communication techniques, including the use of equipment, materials and software Extend and apply knowledge and understanding of graphic communication standards, protocols and conventions, where these apply. Develop and understand the impact of graphic communication technologies on our environment. <p>Course Content Pupils will be taught various different graphical techniques using both</p>	<p>In S4 pupils will study GRAPHIC COMMUNICATIONS at National 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study at National 4 or 5 or at Higher level in S5 depending on S4 performance.</p>	<p>Graphic Communications Courses at National 5 level</p> <p>Graphic Communications Assessment Pupils will be assessed equally by means of an examination and the Course assignment The exam makes up 67% of course assessment split evenly between 2D/3D Graphic Communication & Pictorial Graphics. This will be externally marked.</p> <p>In the Course Assignment, makes up 33% of course assessment. Marks will be awarded for preliminary graphics, production</p>	<p>Graphic Communications is a useful subject in applying for a wide variety of courses at college and university</p> <ul style="list-style-type: none"> Architecture Building surveying Gaming industries Magazine illustrators Multi media industries Industrial designers Product designers Engineering Construction 	<p>Design Technology www.technologystudent.com</p> <p>BBC Bitesize – N5 Design and Manufacture</p> <p>Education Scotland – Design and Manufacture</p>



<p>manual and various computer programs. They will combine these skills with design principals to produce creative, innovative solutions to set tasks.</p> <p>Skills</p> <ul style="list-style-type: none">• producing simple preliminary, production and promotional graphics• using standard graphic communication equipment, software and materials• knowledge of graphic communication standards, protocols and conventions• applying design skills, including creativity, when developing solutions to simple graphics tasks with some complex features• knowledge of a range of computer-aided graphics techniques and practice• knowledge of colour, illustration and presentation techniques• knowledge and understanding of the impact of graphic communication technologies on our environment and society		<p>graphics and promotional graphics. This will be externally marked. Evidence will include a collection of meaningful graphic items produced in response a given brief, graphic research and development work, and an evaluation of the effectiveness of the final presentation work.</p> <p>Courses at National 4 level do not have an external exam. You will be required to complete a project known as the Added Value Unit. This is a folio set within a single context where the learner can demonstrate an application of their skills, knowledge and understanding.</p>		
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DESIGN & MANUFACTURE

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Course Content The Course introduces learners to the multi-faceted world of product design and manufacturing. The course combines scientific, mathematical and technological rigour with design and manufacturing creativity and innovation. It is at this interface that the course demonstrates broad options, possibilities and flexibilities in supporting educational growth.</p> <p>The Course provides pupils with the skills and ability to learn:</p> <ul style="list-style-type: none"> Analyse a brief and create a specification using research methods Identify factors that influence 	<p>In S4 pupils will study DM at National 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study DM at National 5 or at Higher level in S5 depending on S4 performance.</p>	<p>National 4 DM does not have an external exam. You will be required to complete a project known as the Added Value Unit, which consists of a design folio and a fully manufactured prototype.</p> <p>Courses in National 5 DM consist of three main areas. An external exam (45%), a Design folio (30%) and a fully manufactured prototype (25%). Both the design folio and practical model are completed internally during</p>	<p>DM is a useful subject in applying for a wide variety of courses at college and university because of the literacy, numeracy and problem solving skills developed as part of the course. Alongside this the practical element of the course allows students to develop high skill levels of craftsmanship and motor skills.</p> <p>A qualification in DM will open many varied and different career paths, including those in product</p>	<p>Design Technology www.technologystudent.com</p> <p>BBC Bitesize – N5 Design and Manufacture</p> <p>Education Scotland – Design and Manufacture</p>



<p>design and apply these in a design task</p> <ul style="list-style-type: none">• Develop and communicate design concepts for a design task• Evaluate an existing product• Investigate materials for manufacturing tasks in a workshop.• Prepare for manufacturing tasks in a workshop.• Plan and implement a manufacturing sequence for a prototype• Identify• Review manufacturing processes and a finished prototype		<p>class time. The design folio is marked externally by the SQA.</p> <p>The National 5 DM exam is 1 hour 45 minutes long and covers all main topic areas of the course such as Design, Materials and Manufacturing processes.</p>	<p>design, engineering, construction and education. Some of the careers associated with DM include:</p> <ul style="list-style-type: none">Product DesignerSet DesignConstruction craftsFurniture designIndustrial designEngineeringInterior designTool makingCNC MachiningPlumbingBoat/Ship buildingCabinet MakerVehicle body repairManufacturing Technologyand many more....	
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HEALTH & FOOD TECHNOLOGY

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Health & Food Technology is one of the 4 areas that you can specialise within Home Economics in the Senior Phase. Within this course, the main three areas of focus are; Food For Health; Contemporary Food issues and Food Product development.</p> <p>Food For Health This part of the course looks at Health & Nutrition and how dietary needs and advice can be followed. We will also look at lifestyle choices and how they can impact on health.</p>	<p>In S4 pupils will study Health & Food Technology at National 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Health & Food Technology at National 5 or at Higher level in S5 depending on S4 performance.</p>	<p>National 4 Health & Food Technology does not have an external exam. You will be required to complete a project known as the Added Value Unit, which demonstrates the knowledge and skills acquired throughout the syllabus to develop, manufacture and test a food product.</p> <p>Courses in National 5 & Higher Health & Food</p>	<p>Health & Food Technology is a useful course as it gives pupils an insight into a variety of career opportunities. As well as developing their literacy and problem solving skills, not to mention valuable practical life skills.</p> <p>A qualification in Health & Food Technology leads into a degree in a number of areas. Preparing the individual for Food Bioscience, Dietetics, Nursing, and Midwifery, nursery nursing, teaching,</p>	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>Food A Fact of Life www.foodafactoflife.org.uk</p> <p>British Nutrition Foundation www.nutrition.org.uk</p> <p>You Tube Channels www.sqa.org.uk/sqa</p>



<p><u>Contemporary Food Issues</u> In this unit we focus on food trends and the factors that can affect an individual's food choice. We look at how technological developments have changed how people choose food, the options that are available and the impact they have on the environment.</p> <p><u>Food Product Development</u> This unit studies the stages involved in developing a new product, how companies will come up with the ideas, how they will test them and how the techniques they will use to launch the product. We will also look at the 'Science of Food'. We will study the chemistry behind the ingredients and why food reacts the way it does when processed.</p> <p>During your time studying HFT, you will have the opportunity to also demonstrate your foraging skills as you will be taken to Queens Park/ The Hidden Gardens to find how food still grows wild, whilst also looking at the local allotments. Throughout you will get the</p>		<p>Technology consist of a written Assignment which Focuses on a Product Brief, which pupils will have to investigate then develop, manufacture and test a suitable product related to the brief. The Assignment is a write up which takes place under exam conditions and is externally marked by the SQA. It is 50% of the final mark</p> <p>There is also an external exam for National 5 & Higher. This makes up the other 50%</p> <p>The Health & Food Exam is 2 hours long.</p>	<p>product development, marketing, education, environmental studies, sports science and more.</p> <p>People who study Health & Food Technology can be found in a wide variety of careers. Some of the careers associated with HFT are:</p> <ul style="list-style-type: none"> • Environmental Services and Environmental Health Officers • Product Developemt Teams (Food, Fashion, Technology) • Food Scientist/ Food Technologist • Care, Nursing & Midwifery • Travel and Tourism Industry • Sports • Education • Inspectors 	
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<p>opportunity to use food preparation skills, technological skills related to food production, problem solving and organisational skills.</p>			<ul style="list-style-type: none"> • Dietician • Marketing • And many more 	
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HOSPITALITY

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Hospitality is one of the 4 areas that you can specialise within Home Economics in the Senior Phase. Within this course, the main three areas of focus are Cookery Skills Techniques and Processes, Understanding and Using Ingredients and Organisational Skills for Cooking.</p> <p><u>Cookery Skills Techniques and Processes</u> This part of the course looks at food preparation techniques and cookery processes in the preparation of dishes. We look at the importance of Understanding and demonstrating knowledge of food safety and hygiene</p>	<p>In S4 pupils will study Hospitality at National 3, 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Hospitality at National 5 or National 5/ Higher Health & Food Technology or National 5 Practical Cake Craft in S5 depending on S4 performance.</p>	<p>National 3 & 4 Hospitality do not have external exams. At National 4, the pupils will be required to complete a project known as the Added Value Unit, which demonstrates the knowledge and skills acquired throughout the syllabus to plan, prepare, cook and garnish a two course meal in 1 ½ hours.</p> <p>National 5 Hospitality is split into three parts; the written assignment is a planning</p>	<p>Hospitality is a useful course as it gives pupils an insight into a variety of career opportunities. As well as developing their numeracy, literacy and problem solving skills, not to mention valuable practical life skills.</p> <p>People who study Hospitality can be found in a wide variety of careers. Some of the careers associated with Hospitality are:</p> <ul style="list-style-type: none"> • Environmental Services and 	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>Food A Fact of Life www.foodafactoflife.org.uk</p> <p>British Nutrition Foundation www.nutrition.org.uk</p> <p>You Tube Channels www.sqa.org.uk/sqa</p>



<p>and its application in the practical context. By the end of this unit the pupils should be able to select, weigh, measure and use appropriate ingredients to prepare and garnish or decorate dishes.</p> <p><u>Understanding and Using Ingredients</u> In this unit we look at the characteristics of individual food groups. This unit allows pupils to understand where food comes from and its sustainability or its effect on the environment. Pupils will also look at current dietary advice realising how to make informed choices and decisions in relation to health.</p> <p><u>Organisational Skills for Cooking</u> In this unit we focus following recipes in the preparation of dishes, planning, costing, organisational and time management skills in a cookery context, producing, portioning and presenting dishes appropriately.</p> <p>During your time studying Hospitality, you may have the opportunity to be a part of The Culinary Excellence Programme which will see you being a part of a busy hotel and learning the different sectors involved in Hospitality.</p>		<p>booklet which pupils will complete under exam conditions in 1½hours; the written exam paper is part of the exam diet in May and is 1 hour long. Both of these elements are marked by SQA.</p> <p>The third part of the official SQA exam allows the pupils to demonstrate their practical ability and consists of the pupil cooking and serving a 3 course meal in 2½ hours.</p>	<p>Environmental Health Officers</p> <ul style="list-style-type: none">• Food Scientist/ Food Technologist• Hospitality, Travel and Tourism Industry• Education• Inspectors• Dietician• And many more	
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NPA BAKERY

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>NPA Bakery SCQF 4 is one of the 4 areas that you can specialise within Home Economics in the Senior Phase. This course develops practical bakery skills in craft baking, bread making, cake decoration and pastry making. All 4 parts of the course will allow the pupils to demonstrate their ability to prepare a selection of ingredients according to the product specification using a range of mixing and preparation procedures that allow the product to be completed successfully.</p> <p><u>Bread Making SCQF 4</u></p> <p>Candidates will make different types of bread, with a minimum of three of the</p>	<p>In S4 pupils will study NPA Bakery SCQF level 4 or individual units depending on S3 working levels and attendance.</p> <p>Pupils may also be given the opportunity to study National 3 Hospitality alongside this award.</p>	<p>In the NPA Bakery Level 4, there is no written or end practical exam, but pupils are continually assessed and must ensure they produce food to a commercial standard.</p> <p>The National 3 Hospitality has no written exam, but pupils must complete 2 dishes in a required time with little assistance.</p>	<p>This award is aimed at candidates who are interested in pursuing a career in the bakery or catering industries, but do not necessarily have any prior experience.</p> <p>NPA Bakery is a useful course as it gives pupils an insight into a variety of career opportunities. As well as developing their numeracy, literacy and problem solving skills, not to mention valuable practical life skills.</p> <p>People who study the NPA</p>	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>You Tube Channels</p> <p>www.grainchain.com</p>



<p>bread being made to commercial standards; breads include , baguettes, focaccia, ciabatta, cholla and rye. The pupils will learn the different techniques that can be used to make bread.</p> <p><u>Craft Baking SCQF 4</u> In this unit pupils will be expected, once again to be able to follow a recipe accurately, weigh and measure their product and produce an end result to a commercial standard. The dishes produced include, sausage rolls, pizza, Victoria sponge, Swiss roll to name a few.</p> <p><u>Cake Decoration: An Introduction SCQF 4</u> This unit gives pupils an introduction to the techniques involved in Cake decorating. The unit will focus on the skills required to choose, prepare, cover and decorate a number of surfaces to a required specification. Once again the pupil will be expected to complete these tasks to a commercial standard.</p> <p><u>Pastry SCQF 5</u> This unit focuses on the skills required to produce sweet and savoury pastry to a commercial standard using the skills acquired from the other 3 units.</p> <p>Pupils will also gain a basic</p>	<p>Pupils can choose to study National 5 Practical Cake Craft in S5 depending on S4 attendance and performance.</p>		<p>Bakery can progress onto;</p> <ul style="list-style-type: none"> • Hospitality: Practical Cake Craft National 5 • SVQ Level 1 or 2 in Bakery related vocational qualifications • NC Hospitality at SCQF level 4 • NC in Bakery at SCQF Level 5 <p>Some of the careers associated with a Bakery Award include;</p> <ul style="list-style-type: none"> • Baker • Product developer • Hospitality • Education • Entrepreneur • And many more 	
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<p>understanding of the functional properties of food and the individual role each ingredient plays.</p>				
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MUSIC

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>There are 3 elements in Senior Phase Music:</p> <ul style="list-style-type: none"> • 1st and 2nd Instrumental/Vocal Performance • Composing • Listening and Understanding Music <p>Pupils opt for two instruments/voice of their choice and develop solo performance skills through a selection</p>	<p>In S4 pupils will study Music National 3, 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Music at National 4 or 5 or at Higher level in S5 depending on S4 performance.</p>	<p><u>Performance Exam</u> Individual performance skills are assessed in a practical exam setting with an outside examiner from the SQA, not only a knowledge but how to apply it practically and within compositions created by the pupil themselves.</p> <p><u>Understanding music exam</u> Pupils will undertake a listening style exam during the exam diet. This includes all concepts and style of</p>	<p>Studying music helps build a wide range of skills including working with others, language and reasoning skills and playing an instrument helps build confidence.</p> <p>While many young people may aspire to become a performer, there are many careers within music such as:</p> <ul style="list-style-type: none"> • Music Producer • Booking Agent • Recording Engineer 	<p>BBC Bitesize www.bbc.com/bitesize/</p>



<p>of level appropriate pieces.</p> <p>Pupils will evaluate and analyse music listened to from a variety of musical styles, identifying features and concepts heard with a knowledge of social/cultural and emotional influences.</p> <p>Through a variety of compositional tasks throughout the year, pupils demonstrate that they can be creative and express themselves in different ways using correct performance directions and musical notation.</p>		<p>music covered throughout the course.</p> <p><u>Composing Skills</u> Pupils use a wide variety of software to compose their own piece of music which is assessed by the SQA</p> <p>Pupils are required to practise regularly on their chosen instruments and keep a practice log of their progress. Pupils may have the opportunity to receive instrumental instruction on their chosen instrument and Pupils will learn about many different styles and cultures and should make a point of regularly revising their concepts. They will have the opportunity to experiment with a mixture of music technology software when composing a variety of musical styles.</p>	<ul style="list-style-type: none">• Songwriter• Composer• Musical Therapist• Music Teacher• Session Musician• Music Journalist	
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DRAMA

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Drama Courses in the Senior Phase focus on three main areas; Devising with production skills, Acting and Exam preparation.</p> <p><u>Devising with Production skills:</u> This part of the course allows students to work together as part of an ensemble, problem solving and working together to devise a piece of theatre acting and also specialising in a Theatre production skill such as Lighting, Costume or Sound.</p>	<p>In S4 pupils will study Drama at National 3, 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Drama at National 4 or 5 or at Higher level in S5 depending on S4 performance.</p>	<p>National 3 and 4 Drama do not have an external exam. You will be required to complete a performance project known as the Added Value Unit.</p> <p>Courses in National 5 Drama consist of a performance, a written Assignment which focusses on performance concepts and characterisation, an external acting</p>	<p>Drama is a useful subject in applying for a wide variety of courses at college and university because of the literacy, communication, presentation and problem solving skills developed as part of the course.</p> <p>A Drama degree enables you to embark on a career in a range of fields, including those in the entertainment industry, education, hospitality and working with the general public. You'll develop many</p>	<ul style="list-style-type: none"> • www.bbc.com/bitesize/ • www.digitaltheatreplus.com • www.nationaltheatre.org.uk • www.nationaltheatrescotland.com • www.youtube.com • www.sqa.org.uk/drama



<p><u>Acting:</u> Students have to prepare an acting piece to be assessed to their specific working level. This will be text based at N5 and should include some ideas regarding how the role should be performed.</p> <p><u>Written Exam/ Folio:</u> Students have to maintain a folio of work and ideas or prepare for the written examination .</p>		<p>examination and a written examination externally marked by the SQA.</p> <p>The National 5 Drama exam is 1 hours 30 minutes long.</p>	<p>transferable skills.</p> <p>Drama is a “preferred Higher” for many Medicine and Law Degrees.</p> <p>Some associated careers with Drama are:</p> <ul style="list-style-type: none">• Actor.• Director• Script writer• Stage Make up• Special effects• Lighting• Sound• Set design• Costume design• Broadcast presenter• Drama therapist• Runner, broadcasting/film/video• Theatre director• Theatre stage manager• Community drama worker• Teaching	
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ART & DESIGN

Course Content	Progression	Assessment & Exam	Careers	Useful links
<p>The Art & Design course in the senior phase consists of three main areas; Expressive Unit, Design Unit and Critical studies. Pupils will continue a Broad General Education which articulates between the Outcomes and Experiences of level 4 and the skills of the new National Qualification.</p> <p>Expressive: Students will produce work</p>	<p>Pupils will complete the National 4/5 Art and Design course and be presented for the new National Qualifications studying Portraiture or Still life for their Expressive Unit and choose from a range of 2D or 3D design options including textiles, architecture, product design and jewellery.</p> <p>In S5/S6 we offer:</p>	<p>National 3 and 4: Art & Design candidates do not have a final exam, work is marked internally. Instead, pupils are asked to complete a broad range of creative ideas for Expressive Art & Design work as well as an Added Value Unit which is in response to a chosen theme or stimuli.</p> <p>National 5:</p>	<p>There are a range of career opportunities within the creative industries which utilise Art & Design qualifications such as...</p> <p>Architect Graphic Designer Design Engineer Photographer Fashion Designer Interior Design Tattoo Artist Film/Theatre Make-up Artist Art/ design blogger Web. Designer</p>	<p>https://www.sqa.org.uk/pastpapers/findpastpaper.htm</p> <p>https://www.tate.org.uk/art https://www.tate.org.uk/art</p> <p>https://www.npg.org.uk/whatson/bp-portrait-award-2018/exhibition/</p> <p>https://www.thoughtco.com/elements-of-composition-in-art-2577514</p> <p>https://lifestyle.howstuffworks.com/crafts/drawing/how-to-draw-animals.htm</p> <p>https://www.wikihow.com/Shade-Drawings</p>



<p>within different areas of the Art curriculum such as Portraiture, Still Life and Urban Environment. Pupils build upon knowledge gained in S1&2 looking specifically at aspects of expressive art such as composition, visual elements and media handling etc.</p> <p>Design: Students will produce work within different areas of the Design curriculum such as Graphics, Fashion and Lighting. Pupils' build upon knowledge gained in S1&2 looking specifically at aspects of Design such as materials, computer manipulation, structure and layout etc.</p> <p>Critical Studies: Students will study various artists' and designers' life and works. They will build</p>	<ul style="list-style-type: none"> •National 5 Art and Design •Higher Art and Design •Advanced Higher Art and Design. •Higher Photography <p>These courses build on the skills developed in BGE, a variety of design choices experienced within the department.</p>	<p>Candidates are required to produce 2 folios. One displaying Expressive skills, the other focused on Design skills. These folios combined are worth 200 marks.</p> <p>Candidates will also tackle a written critical exam which is 1 and ½ hours long. This element of the course is worth 50 marks.</p>	<p>Videographer Television Production Visual Merchandiser</p> <ul style="list-style-type: none"> • Animator •Antique appraiser •Architectural designer •Art appraiser •Art auctioneer •Art director •Art gallery curator •Art historian •Art librarian •Art professor •Art reviewer/ Critic •Art teacher •Art therapist •Artists' agent •Cartoonist •Corporate communication specialist •Costume designer •Craftsperson •Creative director •Courtroom artist •Display designer •Film production •Furniture designer •Illustrator •Industrial designer •Landscape designer •Multimedia artist •Museum curator <p>Portrait Artist</p>	<p>https://www.thedrawingsource.com/proportions-of-the-face.html</p> <p>https://keetonsonline.wordpress.com/2016/07/28/13-quick-tips-for-mixing-acrylic-paint-that-will-make-your-life-easier/</p> <p>https://emptyeasel.com/2013/09/16/how-to-paint-portraits-from-photographs-a-step-by-step-oil-paint-tutorial/</p> <p>https://www.wikihow.com/Approach-Watercolor-Painting-As-a-Beginner</p> <p>https://www.craftsy.com/art/article/beautiful-watercolor-portraits-tutorial/</p>
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<p>upon knowledge gained in S1 & 2 in critically thinking/analysing aspects of Art & Design such as composition, media handling, use of materials, scale and social cultural issues etc.</p>			<ul style="list-style-type: none"> •Museum manager •Painter •Portrait artist •Set designer •Tattoo artist •Television production •Videographer •Visual merchandiser •Web designer 	
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PHYSICAL EDUCATION

Course Content	Progression	Assessment & Exam	Careers	Useful Links
<p>Physical Education Courses in the Senior Phase focus on four factors; Physical, Mental, Social and Emotional.</p> <p>You will study each of the four factors through the following activities:</p> <ul style="list-style-type: none"> • Basketball • Hockey • Fitness • Football / Netball • Gymnastics • Badminton <p>In S3 the course is primarily practical</p>	<p>In S4 pupils will study Physical Education at National 3, 4 or 5 depending on S3 working levels.</p> <p>Pupils can choose to study Physical Education at National 4 or 5 or at Higher level in S5 depending on S4 performance.</p>	<p>National 3 and 4 Physical Education do not have an external exam. You will be required to complete a logbook, which is based on an investigation into your performance.</p> <p>Pupils must also pass 2 activities based on set criteria.</p> <p>The National 5 Physical Education consists of a written portfolio which</p>	<p>Physical Education is a useful subject in applying for a wide variety of courses at college and university because of the literacy and problem solving skills developed as part of the course.</p> <p>A career in sports coaching, PE teaching and sports science can be achieved by studying Physical Education.</p> <p>A number of transferrable skills such as communication, organisation, using initiative and good interpersonal skills can be</p>	<p>BBC Bitesize www.bbc.com/bitesize/</p> <p>SATPE www.satpe.com/</p>



<p>based. You will learn to develop skills and fitness in each of the activities. You must pass 2 of the activities in S3 to be able to study at a National level. There will be some written elements to the course in S3 where you will learn about how the four factors impact on your performance. You will also gather information on your performance so that strengths and weaknesses can be identified.</p> <p>The S4 Physical Education Course is based around the four factors. You will study the following in relation to the factors;</p> <ul style="list-style-type: none">• How to gather information on your personal performance and identifying strengths and weaknesses• Goal setting• Developing performance using a variety of approaches• Carrying out personal development plans (PDPs) in relation to the factors• Understanding feedback and how it can help you develop		<p>focuses on 2 factors. Pupils can choose the activity that they wish to write their portfolio on.</p> <p>The portfolio is a lengthy piece of work completed over the year and then sent to SQA for marking.</p> <p>The portfolio is completed in class time under supervision. Section 1 is completed under exam conditions, sections 2 & 3 are completed open book. This equates to 50% of the overall grade.</p> <p>At National 5 pupils will be assessed in 2 activities of their choice. These can be activities from within the course or any other activity that staff can facilitate and have the knowledge to assess. Each activity is marked out of 30 marks and both equate to 50% of the overall grade.</p>	<p>developed in Physical Education. These skills are attractive to employers from a variety of work places.</p>	
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<p>performance</p> <ul style="list-style-type: none"> • How to monitor and evaluate your PDP and performance 				
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RELIGIOUS EDUCATION

Course Content	Progression	Careers	Useful Links
<p>The Religious Education progresses from BGE This is Our Faith curriculum to Senior Phase This is Our Faith curriculum</p> <p>In Religious Education, the learner will be working through experiences and outcomes from the eight strands of faith: <i>Mystery of God, Revealed Truth of God, Image of God, Son of God, Signs of God, Word of God, Hours of God, and Reign of God.</i></p> <p>Throughout the year the learner will have the opportunity to deepen their personal faith commitment in a variety of whole school faith developments and year group activities, <i>e.g. retreats, mass, hours of reflections.</i></p>	<p>Religious Education is a core subject, taught twice a week from S1 –S6.</p> <p>The core Learning will foster: For <i>the Christian learner</i>, promote their knowledge and understanding of the Catholic faith and provide opportunities to deepen faith</p> <p>For <i>learners of other</i></p>	<p>Religious Education is a useful subject as the learner will develop knowledge in religious beliefs, and non-religious viewpoints. By exploring religion and morality understanding human beliefs, values and behaviour is developed</p> <p>RE will improve the following skills; engaging, reflecting,</p>	<p>BBC Bite size www.bbc.com/bitesize/</p>



<p>The units in the S4 Senior Phase are:</p> <ul style="list-style-type: none"> • Christian Life • God’s word in our Life • Mary, Model of Prayer • The Human Condition • Transforming Life through love • Called to Love <ul style="list-style-type: none"> • <u>Christian Life</u> : <p>This unit focuses on how our choices and our actions, in relation to our conscience, have an impact upon ourselves and others.</p> <ul style="list-style-type: none"> • <u>God’s word in our Life</u> <p>In this unit, we focus on God being the author of Scripture and he speaks to us through Sacred Scripture AND Sacred Tradition</p> <ul style="list-style-type: none"> • <u>Mary, Model of Prayer</u> <p>This unit focuses on that through God’s call and her response Mary is the Model of Prayer</p> <ul style="list-style-type: none"> • <u>The Human Condition</u> <p>This unit focuses on to explore what it means to be human. Through researching about differing perspectives on the meaning of life and how the biblical accounts of creation reveals</p>	<p>Faiths, promote an understanding of Christian belief and support reflection on their own faith traditions and spiritual development</p> <p>For <i>all other learners</i>, promote understanding of religious faith in general, and Christian faith in particular , and support their spiritual development</p> <p>Pupils can choose to study Religious, Moral and Philosophical Studies (RMPS) at a Higher lever in S6, some exceptions as made at S5.</p> <p>The content of RMPS covers; World Religion, Morality, Medicine and the Human Body and Religious and Philosophical Questions</p>	<p>researching, presenting, collaborating with others, analysing, critical thinking, evaluating, and understanding, questioning, investigating, explaining, deepening and responding.</p> <p>Religious Education is a useful subject in applying for a wide variety of courses at college and university because of the literacy, numeracy and thinking skills developed as part of the course.</p> <p>A Religious Education degree enables you to embark on a career in a range of fields, including ; Education, Journalism, Law, Media, Healthcare, Politics, Public Relations, Engineering, Civil Service, Criminology,</p>	
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<p>to us God's plan and purpose for humanity .</p> <ul style="list-style-type: none"> • <u>Transforming Life through love</u> <p>This unit focuses on exploring human responses to life and how an informed conscience transforms lives and affects the response to moral issues.</p> <ul style="list-style-type: none"> • <u>Called to Love</u> <p>The relationship and moral unit. This unit focuses on the following; relationships, family life, communication, sexuality, marriage, and respect for life.</p>		<p>Anthropology, Economics, Theology, Sociology, International Relations and Philosophy.</p>	
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S4 COLLEGE COURSES

Course content	Progression	Assessment & Exam	Careers	Useful Links
<p>College courses are available to pupils in S4 at City of Glasgow, Kelvin and Clyde Colleges.</p> <p>Courses take place across a number of locations around the city on a Tuesday and a Thursday afternoon</p> <p>Transport is provided for those who need to travel longer distances to attend.</p> <p>Courses are available in areas such as:</p>	<p>Courses for S4 pupils are at SCQF Level 4 and 5 (equivalent to National 4 and National 5).</p> <p>Depending on the course pupils complete, this may allow progression to the next level of study or entry into full time college courses in a similar area.</p>	<p>Assessment will depend on the courses studied at college, but many of the courses are assessed using coursework and do not have an external exam.</p>	<p>Studying courses at college can provide specific skills for a wide variety of future career options.</p> <p>Courses are designed in order to help young people progress in their chosen career path by developing skills recognised and associated with the world of work.</p>	<p>More information about specific courses will be available when next years Senior Phase prospectus is published.</p>



<ul style="list-style-type: none">• Creative and digital industries• Admin, Financial and Business Services• Science, Engineering and Construction• Health Care, Education and Sport• Food, Drink, Hospitality and Leisure				
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