



Harris Academy

Senior Phase Course Choice

Successful Learners • Effective Contributors • Confident Individuals • Responsible Citizens

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The Senior Phase Booklet provides young learners with information on the various courses on offer on the individual departmental pages but it is important that in digesting that detailed information the following points are kept in mind -

GENERAL INFORMATION

S4

- All S4 pupils will select six subjects for SQA presentation
- The majority of pupils will be presented at either National 4 or National 5 level as advised by subject specialists
- A small number of pupils may be presented at National 3 level as appropriate
- Assessment at levels National 3 and National 4 is based on Units completed in school
- At National 3 and National 4 pupils will either pass or fail
- Courses at National 5 will also include Units assessed by school but for these qualifications learners will have to pass an additional Course Assessment nearly always in the form of an exam which will be externally marked by the SQA
- At National 5 performance will be graded on a scale from A to D
- All subjects will contribute to aspects of both Literacy and Numeracy

S5/6

- All S5 pupils will select five subjects for SQA presentation
- The number of subjects studied by S6 pupils will depend on the level of study and will be by negotiation with guidance staff as appropriate

S6 Pupils Only

All S6 pupils are invited to choose 3 Advanced Highers they would like to study. Once numbers for each subject are established the school makes a decision on which subjects are viable and which are not.

It is Dundee City Council Policy to offer some Advanced Highers through a City Campus. This means that some Advanced Higher courses will be offered in a neutral, city centre location, delivered by a teacher from one of the Secondary Schools in the city.

This system will give a greater number of pupils access to Advanced Highers – previously where low numbers had prevented a school offering a courses it may be possible to offer that subject through City Campus.

Any pupil who undertakes an Advanced Higher through the City Campus will have two afternoons a week with their Campus tutor. Pupils will only be entitled to study one Advanced Higher through City Campus. Pupils will receive assistance with regard to transport to their Campus location and make their own way home.

Pupils in S6 may undertake to study a Baccalaureate in Science or Languages. For further information on the above, please contact Mr Millar.

ALL PUPILS

- Pupils should consider choosing subjects which they enjoy and in which they have an interest
- The structure of the curriculum offered in the senior phase offers the widest selection of subjects thus ensuring that students have the maximum level of continuity of study in moving from S3 into S4 and in turn into S5/6
- We are aware of the need to plan for lifelong learning and advice given at the beginning of S4 will be with a view to future study whether in S5/6 at Harris or elsewhere
- The school reserves the right to withdraw a course on the following grounds –
 - The number of pupils opting for the course make it non-viable
 - Staffing the course is not possible
 - There are unforeseen circumstances beyond the control of the school

HELPING WITH DECISIONS

- Pupils will receive professional advice from staff which takes account of career ambitions, aptitude and previous levels of attainment
- Pupils will work with subject teachers, tracking teachers and guidance teachers to ensure that appropriate choices are made
- In taking account of the requirements of Skills for Life, Learning and Work advice given at the beginning of S4 will be with a view to further study within the Senior Phase and beyond
- Advice will be offered based on helping students to choose a course of study which is accessible and meaningful for them and also provides them with a significant academic challenge
- We would encourage all parents to discuss fully the contents of this booklet with their children before the students arrive at their final choices
- Entry to Higher courses is primarily for pupils performing well at National 5. However it is important that this is discussed with class or guidance teacher.

COLLEGE COURSE PROVISION 2016-17

Dundee & Angus College offer a number of course that pupils in S4-6 can apply to take as part of their subject choices. These courses tend to be more vocational in nature but are offered at a level consistent with the Scottish Qualification Framework. Pupils will study a number of SQA units at that level and will be accredited with these units on their SQA certificates. These course will offer a very useful option for pupils who wish to pursue careers or future college courses in these areas and will also enable progression onto the following SCQF level course offered by the college.

The school will aim to timetable these courses so that participation does not impact on other subject choices however in some cases it may. The final range of courses available for our pupils will depend on college staffing and uptake across Dundee and as a result we would like pupils who are interested in these courses to choose a provisional school subject choice as well as indicating on the option form if they would like to be considered for one of the college courses. As these courses are offered across Dundee places will be offered after an

interview with college staff. Pupils should contact guidance staff for further information on these courses and to collect an application form.

The college currently intends to offer the following courses in 2016-2017 (this may be subject to change);

Proposed School Programmes

Skills for Work – Senior Phase Courses

Start Date – 26 May 2016

- Construction and Engineering - National 3 (x1)
- Automotive Skills -National 4 (x1)
- Engineering Skills - National 4 (x1)
- Engineering Skills – National 5 (x1)
- Construction Crafts - National 4 (x1)
- Construction Crafts - National 5 (x1)
- Cosmetology - National 4 (x1)
- Hairdressing – National 5 (x1)
- Early Education and Childcare - National 4 (x1)
- Early Education and Childcare – National 5 (x1)
- Health Care – National 4 (x1)
- Retail (Name to be confirmed)– National 5 (x1)
- Practical Skills Life Science - National 5 (x1)
- Computing Software & Games Development - National 5 (x1)
- Higher Dance – National 6 (x1)
- Advanced Higher Drama (Provisional)

Pre Apprenticeship

- Preparing for an Apprenticeship in Electrical and Plumbing

Timetable

- 2 Days in College
- 2 Days in School
- 1 Day Work Placement

Higher National Certificate

Day Release

- HN Computing Gardyne Campus

Foundation Apprenticeship (to be confirmed)

- Health and Social Care
- Engineering

DEPARTMENT - Art & Design

Courses Offered:

National 3	Art & Design
National 4	Art & Design
National 5	Art & Design

Course Content:

The Art and Design course at **National 3 & 4** consists of 3 units as follows:

Expressive Unit: Based on the study of artists' work, materials and techniques, learners will research and develop their ideas before producing observational drawings and studies. They will develop expressive ideas and compositions through experimentation with art materials, techniques and/or technology leading to creative and expressive outcomes.

Design Unit: Based on the study of designers, their working practices and the factors that inspire and influence their work, learners will plan, research and develop creative design ideas in response to a given brief. Learners will develop their creativity and problem-solving skills while also experimenting and developing media handling skills in the production of their design ideas.

Value Added Unit: This Unit adds value by introducing challenge and application. Learners will draw on and extend their knowledge gained earlier in the course and through the application of practical skills will produce a piece of *expressive art* in response to a theme or stimuli and a piece of *design work* in response to a design brief

The Art and Design course at **National 5** consists of 2 units, 2 practical coursework portfolios and a written Question paper:

Expressive Unit: Learners will develop a critical understanding of artists' working practices and the social and cultural influences affecting their work. They will select stimuli and produce analytical drawings/studies, compositional ideas and creatively develop their own visual ideas. These will then be developed and refined through experimentation with a range of materials, techniques and/or technology.

Design Unit: Learners will develop a critical understanding of designers' working practices and the main social and cultural influences affecting their work. Learners will plan, research and develop creative design work in response to a design brief. They will develop their creativity, problem solving and critical thinking skills as they consider design opportunities, and work to resolve design issues and constraints.

Expressive & Design Coursework/Portfolio:

1 Coursework/Portfolio: Learners will produce Expressive & Design Development work and one Expressive final piece of work and one final Design Solution. (80 marks Expressive & 80 marks Design)

2 Question Paper: Requires integration and application of knowledge of the work of artists and designers from a range of genres studied throughout Units and Coursework/Portfolio. (40 marks)

Assessment:

National 3 & 4 Assessment

A practical activity set by centres within the SQA guidelines and conducted under some supervision and control, however all unit work including 'Added Value' are subject to SQA visiting verification and are assessed on a Pass/Fail basis. Evidence will be internally marked by centre staff in line with SQA guidelines.

National 5 Assessment

Expressive and Design Units are assessed on a Pass/Fail basis within centres and are subject to SQA verification. The Coursework/Portfolio and the written Question paper exam will be externally assessed by SQA and graded A-D.

Additional Information:

National Course's require hard work and effort from the candidate and learners will be expected to undertake practical and written work in their own time, at lunch-times and after school, especially leading up to assessment unit deadlines and SQA Coursework submission dates.

All National 4 & 5 candidates will be expected to partake in 2 practical days which will be conducted in examination conditions, usually timetabled in early December (Expressive) and then late March (Design).

DEPARTMENT - Art & Design

Courses Offered:

New Higher Art & Design
New Advanced Higher Art/Design

Course Content:

New Higher - The New Higher course is also divided into three inter-related areas-**Expressive Unit, Design Unit** and **Coursework/Portfolio** made up of 2 components; **Expressive & Design coursework portfolio's** and a **written Question paper**. In the both practical units & coursework portfolio's pupils investigate a theme and produce work which reflects and communicates personal thoughts, feelings and ideas. Learners investigate and research a Design Brief, communicate ideas and present an appropriate and effective design solution. In Critical Studies pupils study the work of artists and designers across genres linked to the personal relevance to their own practical work.

New Advanced Higher -This course offers a considerable amount of choice and pupils can chose a discipline and focus, either a Design or Expressive study. The course is divided into **Practical Unit** work, **Written Unit** work, a **Portfolio** (up to 15 x A1 sheets) and a **Written Critical Analysis**. Pupils wishing to carry out an Advanced Higher in Art & Design should also seek further consultation within the department for further unit specification information. This course is recommended for pupils who intend following a career in Art, Design, Product Design, Interior Design, Photography, Textiles, Fashion and Architecture. At this level pupils will be expected to produce a high volume of practical work and undertake intensive study in sketchbooks, portfolio work as well as study and respond to the work artists and designers.

(Important: Please note, if you are applying to university to study any of these courses, candidates must be aware of specific course requirements and entry level SOA certificates, you will be expected to submit a portfolio of artwork (drawings, paintings, designs, etc.)

Assessment:

A continuous assessment approach will be used throughout this course. Pupils will take part in classroom assessment in practical and written formats throughout the academic year and their practical portfolio work will be continually monitored. An understanding of the visual elements and the design process will also be evaluated through the use of questioning techniques, discussions and practical assessment. Teachers will regularly provide meaningful feedback to pupils who will also have a role in the assessment of both their own and others' work. Pupils will be encouraged to become confident in devising their own targets and taking responsibility for their personal learning (especially at Higher and Advanced Higher level).

For **National 5** and **Higher**, assessment will consist of two practical units and a coursework/portfolio made up of 2 components; Expressive and Design coursework/portfolio's and a Critical Studies question paper. All coursework is externally assessed by SQA and National 5 & Higher units are subject to verification from SQA. **National 5** grade A-D, Expressive portfolio 80 marks 40%, Design portfolio 80 marks 40% and Question paper 40 marks 20 %. **New Higher** will also be graded A-D, Expressive Coursework/Portfolio 80 marks, Design Coursework/Portfolio 80 marks and Critical Studies Question paper 60 marks.

New Advanced Higher: The candidate must pass all the unit assessments and fulfil the portfolio minimum SQA requirement of 8 x A1 sheets (maximum 15 x A1 sheets) and submit a Written Critical Analysis essay. Internal assessments will be carried out throughout the academic year and pupils are expected to carry out personal study of artist and/or designers and keep sketchbooks. Portfolio submission to SQA in June.

Additional Information:

All pupils, whether undertaking **New Advanced Higher, New Higher** or **National 5** courses, will be expected to produce a considerable amount of course work in their spare time – either in school (lunchtimes) or at home (evenings).

PROGRESSION - Art

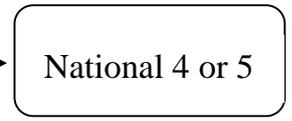
S2



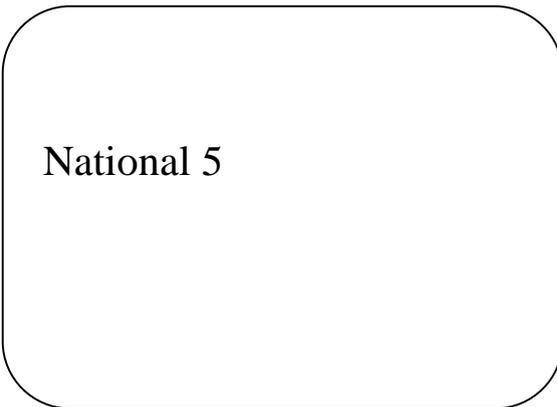
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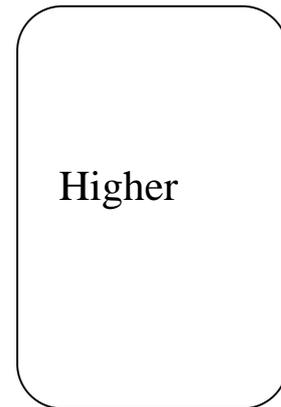
S4



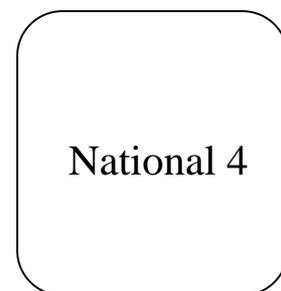
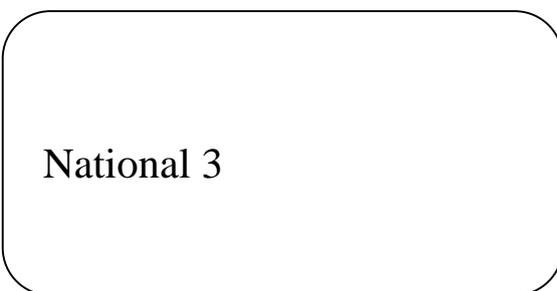
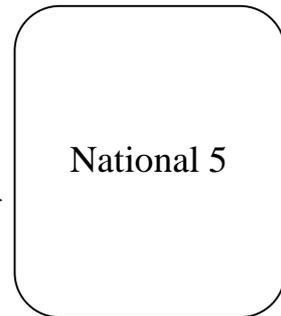
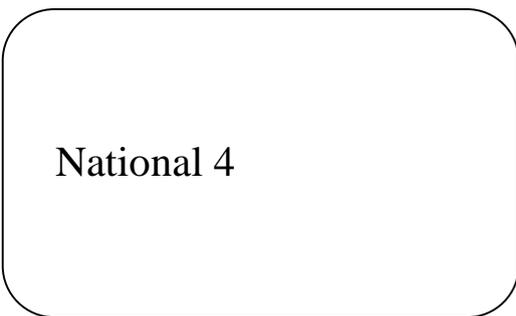
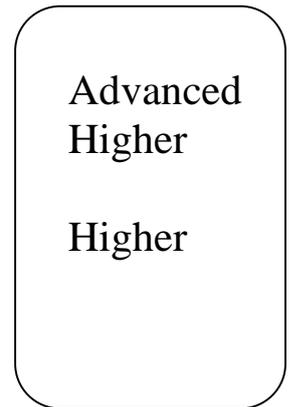
S4



S5



S6



DEPARTMENT - Art & Design

Courses Offered:

Higher Photography

Course Content:

Photography has an increasingly significant core function within the Creative Industries and also within the commercial and scientific community in Scotland. The camera has become both a tool and medium in almost every area of the Creative Industries. Fine Art practitioners are now embracing digital imaging technology and using it as a medium in its own right, or combining it with conventional photographic techniques. The Photography Course offers learners' the opportunities for an integrated, hands-on, skill development with clear exit paths to employment or progression onto further and/or higher education. This course aims to develop learners' practical skills, knowledge and understanding as well as planning and evaluation skills.

Mandatory Units, plus Coursework

H4KT 76 Photography: Image Making (Higher) 9 SCQF credit points

H4KV 76 Photography: Contextual Imagery (Higher) 9 SCQF credit points

The Course encourages learners to be inspired and challenged by visually representing their personal thoughts and ideas through the medium of photography. Using an integrated approach to learning, learners will plan, develop and produce imaginative photographs. They will also develop their appreciation of photographic work and practice. The skills that learners acquire by successfully completing the Course

Assessment:

Course assessment 6 SCQF credit points. This Course includes six SCQF credit points to allow additional time for preparation for Course assessment. The Course assessment covers the added value of the Course.

Unit Assessment - All Units are internally assessed against the requirements shown in the Higher Photography *Unit Specification* (see SQA website for further information). They will be assessed on a pass/fail basis within centres. SQA will provide rigorous external quality assurance, including external verification, to ensure assessment judgments are consistent and meet national standards. (H4KT 76 Photography: Image Making (Higher) 9 SCQF credit points H4KV 76 Photography: Contextual Imagery (Higher) 9 SCQF credit points)

Course Assessment - Courses from National 4 to Advanced Higher include assessment of added value. At National 5, Higher and Advanced Higher, the added value will be assessed in the Course assessment. The added value for the Higher Photography Course must address the key purposes and aims of the Course as defined in the Course Rationale. It will do this by addressing one or more of breadth, challenge or application. In the Higher Photography Course, added value will focus on: Challenge and application. The learner will develop and extend the skills and knowledge developed in the Course. They will be assessed through a project. The Coursework project is externally assessed by SQA and graded A-D.
Progression HND Photography

As this will be the First year the Harris Art & Design department will offer Higher Photography, the course will be open to S6 pupils with a background in Art & Design or to pupils who have some personal interest and understanding of Photography

DEPARTMENT - BIOLOGY

Courses Offered:

National 4, and National 5 Biology

Course Content:

Both Courses consist of three units:

Cell Biology:

cell structure
transport in cells
proteins,
photosynthesis,
respiration

Multicellular Organisms

stem cells
control and communication
reproduction
genetics
transport

Life on Earth

biodiversity
energy
adaptation
evolution
impact on the
environment

Assessment:

Assessment

Unit Assessment

National 4

For each Unit there will be an end of Unit test. Also over the year pupils will complete an investigation report, and a research task.

National 5

Added

Value/assignment

Open-book assessment: present the results of investigating a topical issue in Biology.
Marked in school.

Open-book assessment: present the results of investigating a topical issue in Biology.
Marked by SQA. 20% of final grade.

SQA Exam

No exam

Exam = 80% of final grade

Grading

Pass / Fail

A – D

'Fallback' arrangements

National 3 assessments will be used for pupils who have not achieved the National 4 assessments.

National 4 assessments will be used for pupils who have not achieved the National 5 assessments.

Additional Information:

Biology careers include:

Health care: medicine, dentistry, nursing, pharmacology, geneticist, veterinary, microbiology

Research Biologist,

Education: at colleges, universities, schools, science museums, zoos, aquariums, parks, and nature centres

Environmental management and conservation, Ecology

Forensic science

Biotechnology-agriculture, food science, medicine

Politics and policy-science advisers

Mathematics- bioinformatics

Economics- addressing the economic impact of biological issues

DEPARTMENT - Biology

Courses Offered:

Human Biology (Higher) and Advanced Higher Biology

Course Content:

Human Biology (Higher)

Unit 1: Human Cells

Unit 2: Physiology and Health

Unit 3: Neurobiology and Communication

Unit 4: Immunology and Public Health

For more information:

Google: SQA CFE Human Biology, then Course & Unit Support Notes

Advanced Higher Biology

Unit 1: Cells and Proteins

Unit 2: Organisms and Evolution

Unit 3: Investigative Biology

For more information:

Google: SQA CFE Advanced Higher Biology, then Course & Unit Support Notes

Assessment:

<i>Assessment</i>	<i>Human Biology (Higher)</i>	<i>Advanced Higher Biology</i>
<i>Unit Assessment</i>	For each unit there will be an end of Unit test.	
<i>Research</i>	Open-book assessment: present the results of investigating a topical issue in Biology. 17% of final grade.	Investigation Report: approximately 20 hours spent on extended practical investigation with comprehensive report. 23% of final grade.
<i>SQA Exam</i>	Exam = 83% of final grade	Exam = 77% of final grade
<i>Grading</i>	A - D	A - D

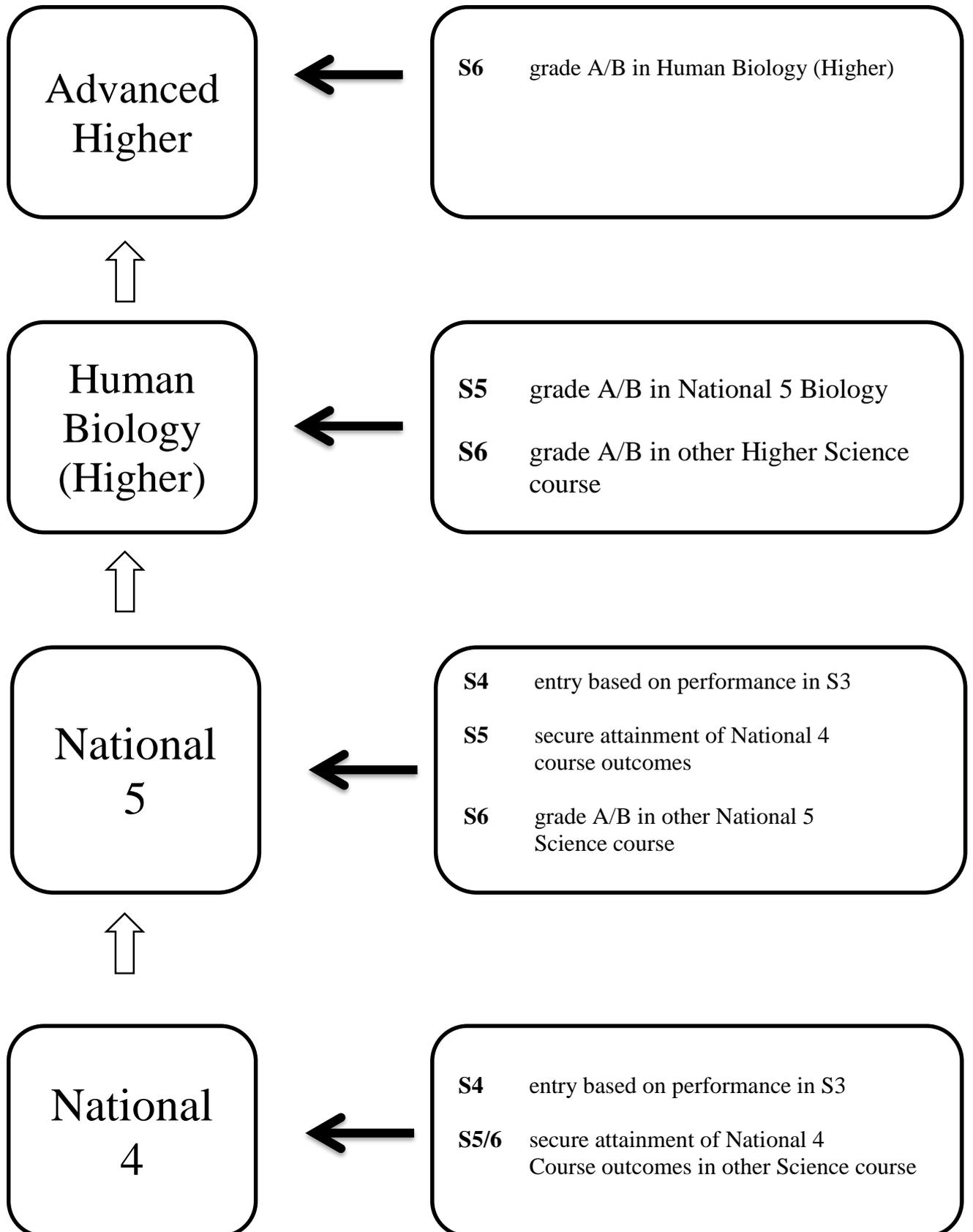
Additional Information:

Human Biology (Higher):

In exceptional circumstances a pupil who has not done National 5 Biology, could be allowed into Human Biology (Higher). Their grades in Chemistry, Physics, Maths, and English would be looked at. Please discuss with Mr Killington (Principal Teacher of Biology)

Advanced Higher Biology: It is helpful if pupils have passed Higher Chemistry.

PROGRESSION - Biology



DEPARTMENT - Business Education

Courses Offered:

Accounting – Higher and National 5

Course Content:

Accounting consists of 3 units:

Preparing Financial Accounting Information
Preparing Management Accounting Information
Analysing Accounting Information

Assessment:

All units are internally assessed as well as an added value assessment set by SQA. Students must pass all assessments to gain an award.

External Assessment consists of one final examination paper.

Additional Information:

Accountancy is a career which **offers a graduate environment, variety, people contact, a professional qualification, high salaries and opportunities to work internationally.** (Who said accountancy was boring?). Many accountants use their qualification to move into general management or to set up their own business. Accountants **work in all areas, for example** - in banks, manufacturing companies, local authorities, charities, publishers, film companies, hospital trusts, insurance companies, universities – you name it!

DEPARTMENT - Business Education

Courses Offered:

Administration & IT – Higher, National 5, National 4, National 3

Course Content: All Courses Consist of 3 Units

National 3

Communication in Administration
IT Solutions for Administrators
Administration in Action

National 4

Administration Practices
IT Solutions for Administrators
Communication in Administration

National 5

Administrative Practices
IT Solutions for Administrators
Communication in Administration

Higher

Administrative Theory and Practice
IT Solutions for Administrators
Communication in Administration

Assessment:

National 3

All units are internally assessed.

National 4

All units are internally assessed, as well as, the Added Value Assessment.

National 5

All units are internally assessed. The Added Value Course Assessment is externally assessed.

Higher

Each unit is internally assessed.

The External Assessment consists of 2 Components: an Assessment and Question Paper.

Additional Information:

A qualification in Administration & IT can lead to opportunities in many career areas. For example:

Office Management, Legal Administration, Office Administration, Local Government, Human Resource Management, Distribution, Insurance, Travel, Financial Administration, Property Management, Hospitality, Customer Services, Running own business, Secretarial work, IT Analyst, Banking, Retail, Accounting.

DEPARTMENT - Business Education

Courses Offered:

Business/Business Management – Higher, National 5, National 4, National 3

Course Content:

National 3 & National 4 Business – consists of 2 units

Business in Action
Influences on Business

National 5 & Higher Business Management – consists of 3 units

Understanding Business
Management of People and Finance
Management of Marketing and Operations

The course will also develop a firm understanding of businesses and how they operate and will prepare candidates well for the workplace. IT skills will be developed as the course progresses.

Assessment:

National 3 Business

All units are internally assessed.

National 4 Business

All units are internally assessed as well as the Added Value Assessment set by SQA.

National 5 Business Management and Higher Business Management

All units are internally assessed as well as an Added Value Assessment set by SQA. Students must pass all assessments to gain an award.

External assessment consists of one final examination paper.

Additional Information:

A qualification in Business can lead to opportunities in many career areas. For example:

Management, Legal Administration, Administration, Local Government, Human Resource Management, Distribution Operations Manager, Financial Controller, Property Management
Hospitality, Customer Services, Running own business, Secretarial Engineering, IT analyst, Retail, Accounting, Teaching and Banking.

DEPARTMENT - Business Education

PERSONAL FINANCE

Course Content:

The Personal Finance award will give you the skills to deal confidently and effectively with basic financial encounters, as well as managing your money. The course is divided into 2 separate units:

The Principles of Money

This includes: The Main Features of Money, Different Types of income, Features of Payslips, Types and Benefits of Tax Credits, Creating and Using a Personal Budget, Savings Schemes and Financial Planning, Bank Accounts, Debit and Credit Cards, Foreign Currency and Exchange Rates

Money Management

This unit focuses on managing personal money. It will help you prepare to deal with bills and budgeting. The topics covered include: Investigating Costs and Comparing Deals on Utilities, Mobile Phones, Motoring and Travel, Sources of Borrowing Money, Calculating Loan Amounts, Terms and Rates of Interest, Costs of Credit Cards and Store Cards, Different Types of Insurance including Costs and Monthly Payments, State Pension Rates and Private Pension Costs and Returns, Long Term Savings Accounts and Using Hire Purchase, Credit and Cash to Purchase Goods.

Assessment:

The Personal Finance Award at SCQF level 4 is jointly awarded by the SQA and the *ifs School of Finance*.

To pass the course you must have evidence that you have successfully completed all the tasks in each Unit.

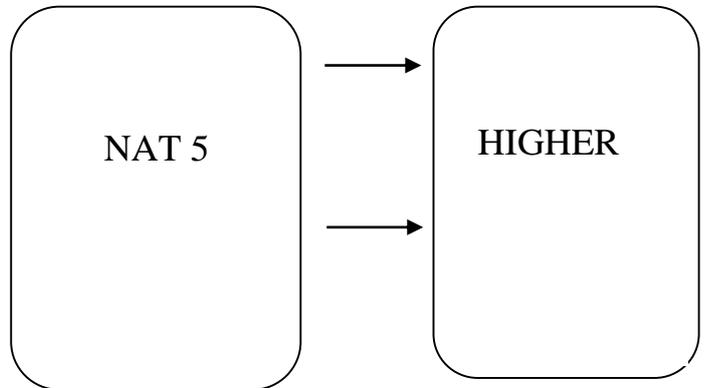
The Unit assessments are multiple choice tests which are accessed through an e-learning environment.

Progression:

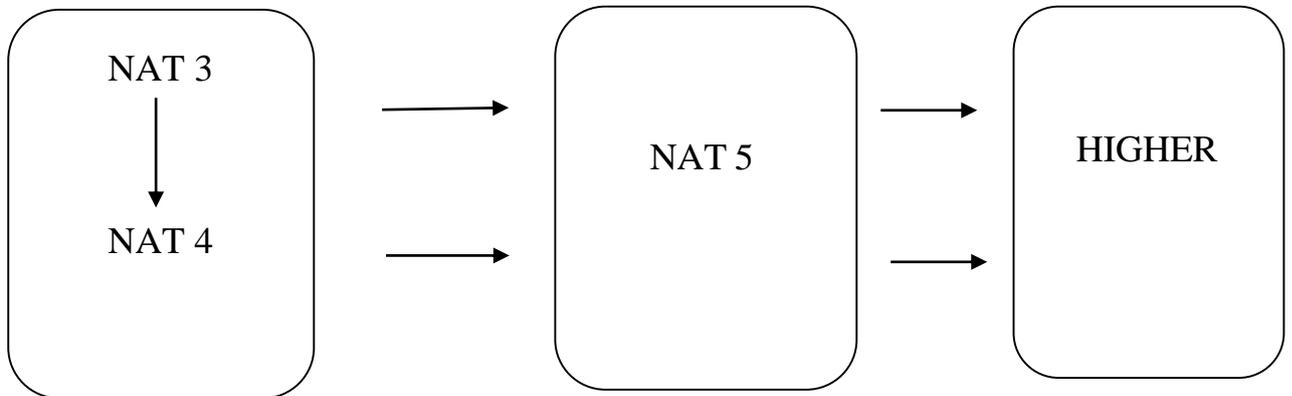
This course or its Units may provide progression to the *ifs School of Finance* Certificate in Personal Finance; the NPA in Financial Services (SCQF level 6) or the SVQ Providing Financial Services (available at SCQF level 5 and level 6); or further training or employment in a variety of business sectors.

PROGRESSION - Business Education

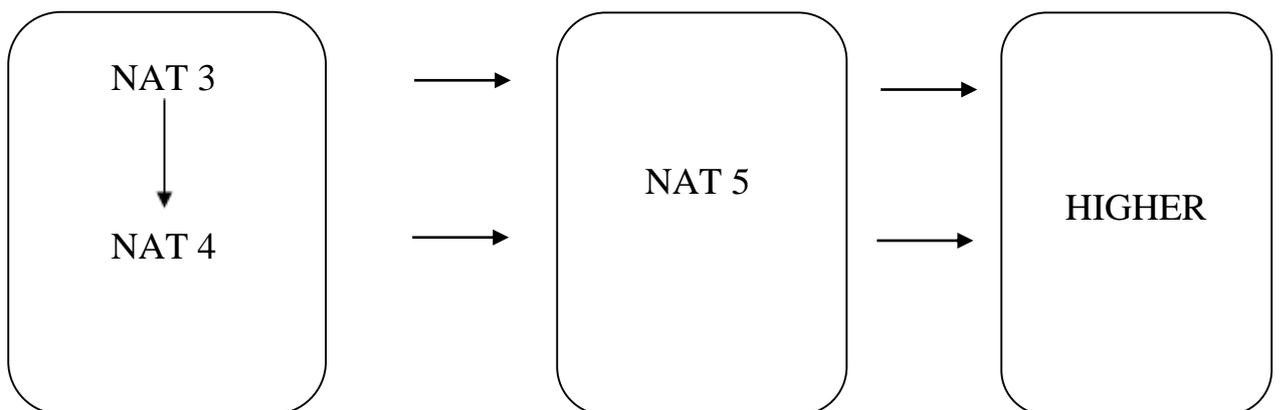
ACCOUNTING



ADMINISTRATION & IT



BUSINESS MANAGEMENT



In the Senior Phase it is possible to study more than one Business Education subject.

DEPARTMENT - Chemistry

Courses Offered:

National 4 and National 5 Chemistry

Course Content:

National 4 Chemistry
Atomic structure and bonding (related to properties and materials)
Energy changes of chemical reactions
Acids and alkalis
Fuels
Hydrocarbons
Everyday consumer products
Plants to products
The properties of metals and alloys
Fertilisers
Nuclear chemistry
Chemical analysis

National 5 Chemistry
Atomic structure and bonding (related to properties of materials)
Formulae and reaction quantities
Acids and bases
Homologous series
Everyday consumer products
Energy from fuels
Metals
Properties of plastics
Fertilisers
Nuclear chemistry
Chemical analysis

Assessment:

<i>Assessment</i>	<i>National 4</i>	<i>National 5</i>
<i>Unit Assessment</i>	For each Unit there will be an end of Unit test. Also over the year pupils will complete an investigation report, and a research task.	
<i>Added Value/assignment</i>	Open-book assessment: present the results of investigating a topical issue in Chemistry. Marked in school.	Open-book assessment: present the results of investigating a topical issue in Chemistry. Marked by SQA. 20% of final grade.
<i>SQA Exam</i>	No exam	Exam = 80% of final grade
<i>Grading</i>	Pass / Fail	A – D
<i>'Fallback' arrangements</i>	National 3 assessments will be used for pupils who have not achieved the National 4 assessments.	National 4 assessments will be used for pupils who have not achieved the National 5 assessments.

Additional Information:

Chemistry careers include:

Health care: medicine, dentistry, nursing, pharmacology, veterinary, microbiology

Research Chemist

Education: at colleges, schools universities, science centres

Analytical chemists: environmental chemistry, forensic science, agriculture and food

Chemical engineers and industrial chemists

Law: patent law

Politics and policy: science advisers.

DEPARTMENT - Chemistry

Courses Offered:

Higher Chemistry and Advanced Higher Chemistry

Course Content:

Higher Chemistry

Unit 1: Chemical Changes and Structure

Unit 2: Nature's Chemistry

Unit 3: Chemistry in Society

For more information:

Google: SQA CFE Higher Chemistry, then Course & Unit Support Notes

Advanced Higher Chemistry

Unit 1: Inorganic and Physical Chemistry

Unit 2: Organic Chemistry and Instrumental Analysis

Unit 3: Researching Chemistry

For more information:

Google: SQA Advanced Higher Chemistry, then Course & Unit Support Notes

Assessment:

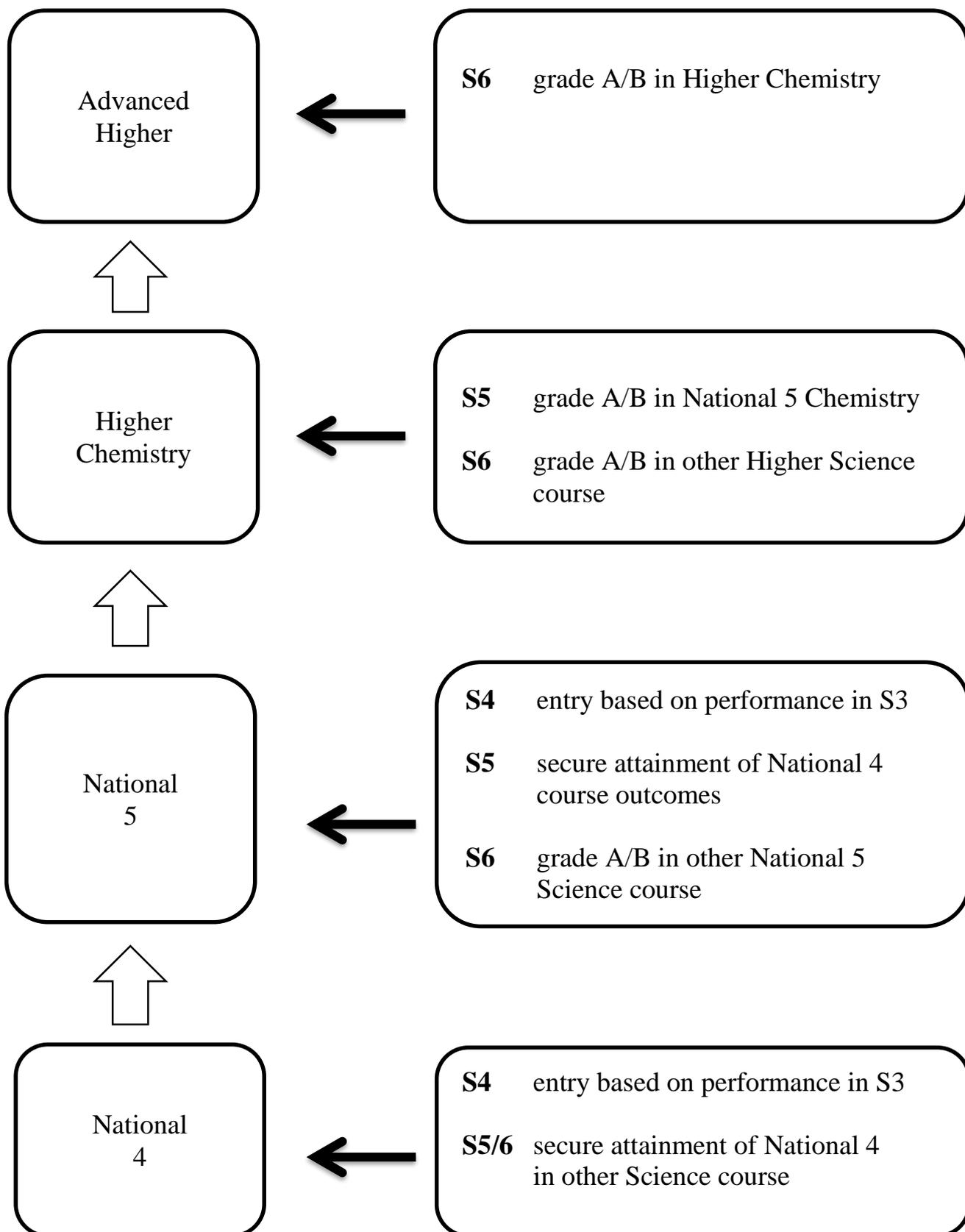
<i>Assessment</i>	<i>Higher Chemistry</i>	<i>Advanced Higher Chemistry</i>
<i>Unit Assessment</i>	For each unit there will be an end of Unit test. Also over the year pupils will complete an investigation report, and a research task.	
<i>Research</i>	Open-book assessment: present the results of investigating a topical issue in Chemistry. 20% of final grade.	Investigation Report: approximately 20 hours spent on extended practical investigation with comprehensive report. 20% of final grade.
<i>SQA Exam</i>	Exam = 80% of final grade	Exam = 80% of final grade
<i>Grading</i>	A - D	A - D

Additional Information:

Higher Chemistry:

In exceptional circumstances a pupil who has not done National 5 Chemistry, could be allowed into Higher Chemistry. Their grades in Biology, Physics and Maths would be looked at. Please discuss with Miss McWhannell (Principal Teacher of Chemistry)

PROGRESSION - Chemistry



DEPARTMENT – Computing Science

Courses Offered:

Computing Science

National 4 and National 5
Higher, Advanced Higher

Course Content:

National 4 and National 5

1. Software Design and Development

- Develop an understanding of programming and its importance in the modern world through the process of designing, writing and testing your own programs.
- Expand your knowledge by learning a new programming language.
- Learn the different ways that a computer deals with the programs you write when it only ‘understands’ the binary number system.
- Discover how to catch errors and deal with them before they cause major problems.

2. Information System Design and Development

- Learn about different types of information systems including web pages.
- Find out about scripting and html used within information systems.
- Learn about different types of network.
- Discover more about hardware and software.
- Find out about different ways of storing data including ‘the cloud’.
- Develop your knowledge of Cyber Security.
- Learn about the technical, legal and environmental issues.
- Be involved in a range of practical and investigative tasks which will develop your knowledge, understanding and practical problem-solving skills.

Higher

1. Software Design and Development
2. Information System Design and Development
3. A coursework assignment set by the SQA.

The Higher Course will develop an extended range of computing and computational thinking skills across a range of cutting edge areas. It will also allow a broadening of knowledge and understanding along with the ability to apply this.

Advanced Higher

1. Software Design and Development
2. Information System Design and Development
3. A coursework assignment set by the SQA.

The Advanced Higher Computing Science Course builds on the knowledge, understanding and practical skills developed by learners in the Higher Computing Science Course. Learners gain advanced programming including Java, development and research skills, and an understanding of the role and impact of contemporary computing technologies

Assessment:

National 4: To be awarded the National 4 Computing Science qualification, learners must pass all of the required Units including the Added Value Unit. There is no external exam.

National 5: There will be an external exam and course assessment produced by the SQA. The course assessment accounts for 40% of the pupils overall mark.

Higher: There will be an external exam and course assessment produced by the SQA. The course assessment accounts for 40% of the pupils overall mark.

Adv Higher: There will be an external exam and course assessment produced by the SQA. The course assessment accounts for 60% of the pupils overall mark.

Additional Information:

Computing skills are highly valued and drive innovation – in medicine, engineering, business, science, entertainment and education.

Computing jobs are among the best paid and have the highest job satisfaction. There is a huge shortage of good, qualified Computing professionals in many places; Scotland, the rest of the UK, Europe and beyond!

Use the knowledge and skills you gain to give you entry to a wide variety of specialist courses available at universities such as Computer Science, Software Engineering, Computer Games Design, Computer Security and Ethical Hacking, or to secure places on courses as diverse as Dentistry, Law, Languages, Mathematics, Marine Biology, Medicine, and Engineering

DEPARTMENT – Computing Science

Courses Offered:

National Progression Award in Cyber Security

Course Content:

National Progression Award (NPA)

The National Units within the award are designed to incorporate the three main areas of cyber security

**Data Security
Digital Forensics
Ethical Hacking**

The qualification is available at SCQF Levels 4,5 and 6 (equivalent to National 4 to Higher Level) This qualification is new.

The qualification is the first of its kind in Europe. It is the only qualification, designed for school pupils that focusses on cyber security, and seeks to encourage young people to pursue a career in cyber security or computer science.

There is a shortage of qualified people in this area and it is hoped that learners follow on from this qualification to pursue a careers in data security to fill this skill gap.

Assessment:

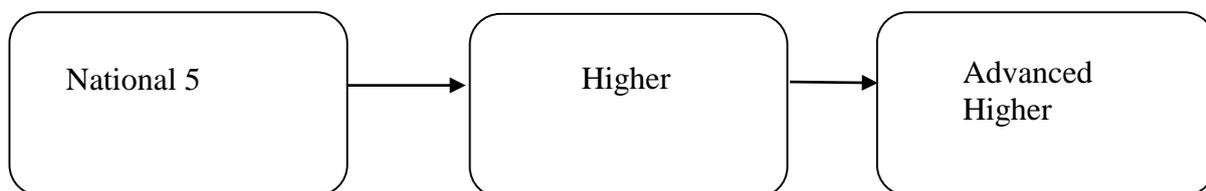
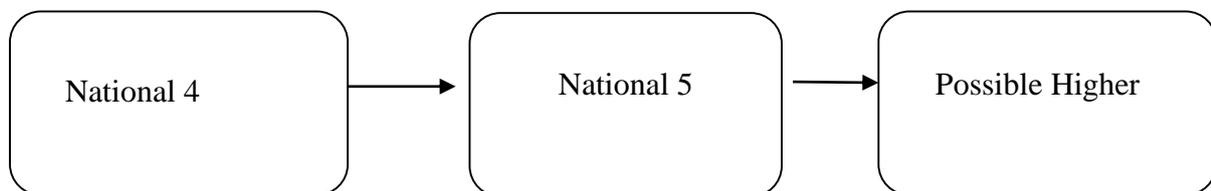
To be awarded the National Progression Award in Cyber Security learners must pass all of the required Units. There is no external exam.

PROGRESSION: Computing Science

S4

S5

S6



National Progression Award cover SCQF levels 4 to 6, allowing clear progression and development routes to higher level education and employment. The qualification is available at three levels in a hierarchy structure and learners may progress to the next level if they wish to continue their studies.

DEPARTMENT - English

Courses Offered:

National 3 English
National 4 English
National 5 English
Higher English
Advanced Higher English

Course Content:

<u>National 3</u> Units covered: Understanding Language Producing Language Literacy	<u>National 4</u> Units covered: Analysis and Evaluation Creation and Production Literacy Added Value Unit	<u>National 5</u> Units covered: Analysis and Evaluation Creation and Production
<u>Higher</u> Units covered: Analysis and Evaluation Creation and Production	<u>Advanced Higher</u> Units covered: Analysis and Evaluation Creation and Production	

Assessment:

National 3
To achieve a pass at National 3 learners must pass all the required units. These will be internally assessed on a pass or fail basis with moderation by the SQA. National 4 courses are not graded.

National 4
To achieve a pass at National 4 learners must pass all the required units. These will be internally assessed on a pass or fail basis with moderation by the SQA. National 4 courses are not graded.

National 5
At National 5 learners will be assessed internally on the units covered. In addition they will be assessed externally in the form of an exam which is worth 70% and a Portfolio of Writing which accounts for 30% of the assessment. National 5 is graded A – D

Higher
At Higher learners will be assessed internally on the units covered. In addition they will be assessed externally in the form of an exam which is worth 70% and a Portfolio of Writing which accounts for 30% of the assessment. Higher is graded A – D

Advanced Higher
At Advanced Higher learners will be assessed internally on the units covered. In addition they will be assessed externally in the form of an exam which is worth 40% and a Portfolio of Writing and a dissertation which accounts for 60% of the assessment. Advanced Higher is graded A - D

Additional Information:

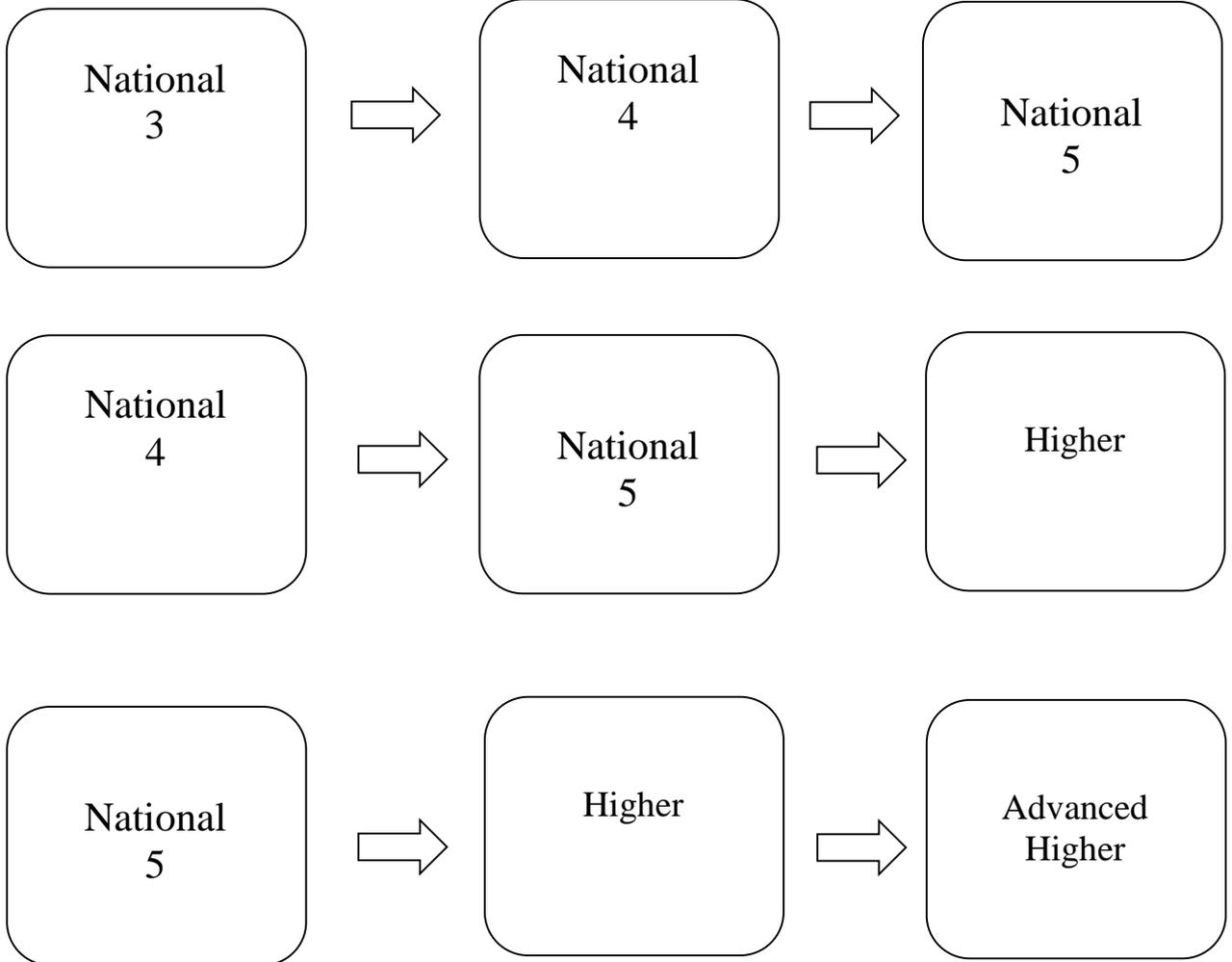
A pass in English at the end of S4 is likely to be something that is desired by all employers and educational institutions. Aside from gaining valuable skills in English all pupils will also have the opportunity to enhance their Literacy skills which is important in any modern context.

PROGRESSION - English

S4

S5

S6



DEPARTMENT - English

Courses Offered:

Media Studies – National 5 or Higher

Course Content:

This course deals with all aspects of media and the media industry. Students will learn about the role of media in everyday life and develop an understanding of how the media industry influences culture. Learners will explore a wide variety of texts in different media (film, print, advertising etc.) and learn how to analyse and create media content. Building on the four capacities, this course enables learners to communicate, be critical thinkers, develop cultural awareness and be creative.

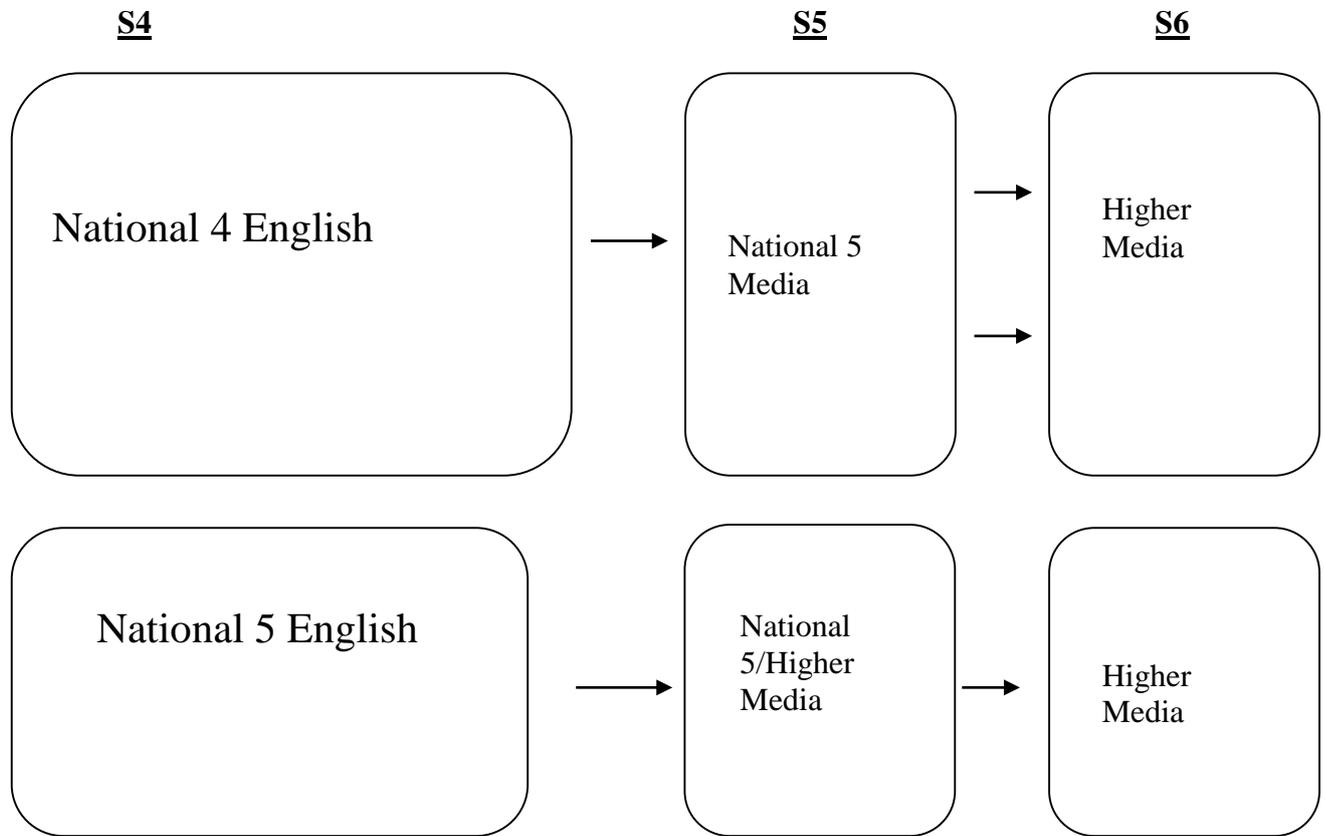
Assessment:

For both National 5 and Higher there are two unit assessments – analysing media content and creating media content. There is also a value added unit which includes a question paper and assignment for National 5 and Higher with the addition of a case study for Higher. Assessment is a combination of exam, continuous assessment and assignment.

Additional Information:

Media studies is a challenging course which demands a high level of literacy and a commitment to individual study and assessed group work. The continuous assessment element means that students must be proactive in class work and independent learning.

PROGRESSION - MEDIA STUDIES



DEPARTMENT - Geography

Courses Offered:

National 3, 4 and 5 Geography

Course Content:

The course consists of 3 main units, plus one Added Value Unit, made up as follows:-

PHYSICAL ENVIRONMENTS:

In this unit, pupils will study 2 types of landscape, GLACIATED UPLANDS and COASTAL LANDSCAPES. Here, pupils will need to identify a number of landforms associated with each landscape together with the main types of land use, including land use conflicts and their solutions. A third topic, on WEATHER, will also be included in this section.

HUMAN ENVIRONMENTS:

In this unit, pupils will study 3 related topics –

- i] a POPULATION Unit, in which pupils, by collecting and interpreting information, will study various aspects about the population in contrasting parts of the world, including population density, growth and structure,
- ii] a unit on RURAL landscapes in which the changes in this type of environment over a period of time and in contrasting areas of the world such as the Mid-West USA and southern India will be investigated.
- iii] a unit on URBAN areas, where pupils will learn about the development and changes of the main features of an urban area such as Glasgow, and contrast that with the problems faced by city dwellers in a Developing Country.

GLOBAL ISSUES:

Pupils will study 2 topics in the third of the main units.

- i] The first of the units will focus on the theme of CLIMATE CHANGE, studying the causes of global warming, together with forecasts of the possible effects on various environments.
- ii] The second topic will concentrate on NATURAL HAZARDS. Earthquakes, volcanic eruptions and tropical storms will be studied in detail, outlining the causes and effects, the aftermath, and the various types of aid given to help the affected area recover.

ADDED VALUE UNIT:

In this unit, pupils will carry out fieldwork in the local area to gather information on a geographical issue. They will then process this information and present their findings for the added value unit.

Assessment:

There will be 3 assessments throughout the course (one for each of the main units), with pupils completing the outcomes when they are ready as part of their learning.

Pupils at National 5 level will sit a Prelim in January, together with an external exam in May. To achieve a pass in the National 5 Geography course, pupils must pass all of the required units as well as the course assessment. The course assessment consists of a question paper worth 60 marks (75% of the total) and an assignment worth 20 marks (25% of the total). These will be assessed externally by the SQA and graded A-D.

Pupils at National 3 and National 4 level will be assessed internally. Pupils must pass all of the required units, including the Added Value Unit for National 4 level. These will be internally assessed on a pass or fail basis. National 3 and National 4 courses are not graded.

DEPARTMENT - Geography

Courses Offered:

Higher and Advanced Higher Geography

Course Content:

Higher

The course will consist of 3 main units, plus one Added Value Unit, made up as follows:-

Unit 1 – Physical Environments

The main topics to be studied include the lithosphere, hydrosphere, biosphere and atmosphere. Pupils will develop and apply geographical skills and techniques in the context of these four physical environments.

Unit 2 – Human Environments

The three key topics in this unit include population, rural land use change and urban change and management.

Unit 3 – Global Issues

Pupils will be expected to describe and explain a variety of complex global geographical issues which should demonstrate the interaction of physical and human environments. Pupils will study two topics in this unit: Global Climate Change and Development and Health.

The Added Value Unit

In Higher Geography, the added value section will extend and apply the skills, knowledge and understanding that pupils have acquired during the course. They will carry out fieldwork and process and present the information they have gathered in the form of an assignment completed under exam conditions.

Advanced Higher

The course will consist of 3 main sections.

Unit 1 – Geographical Methods and Techniques

Unit 2 – Geographical Study

Unit 3 – Geographical Issues

The Advanced Higher Geography course allows pupils to further develop their geographical skills by carrying out their own fieldwork and research.

Assessment:

Higher

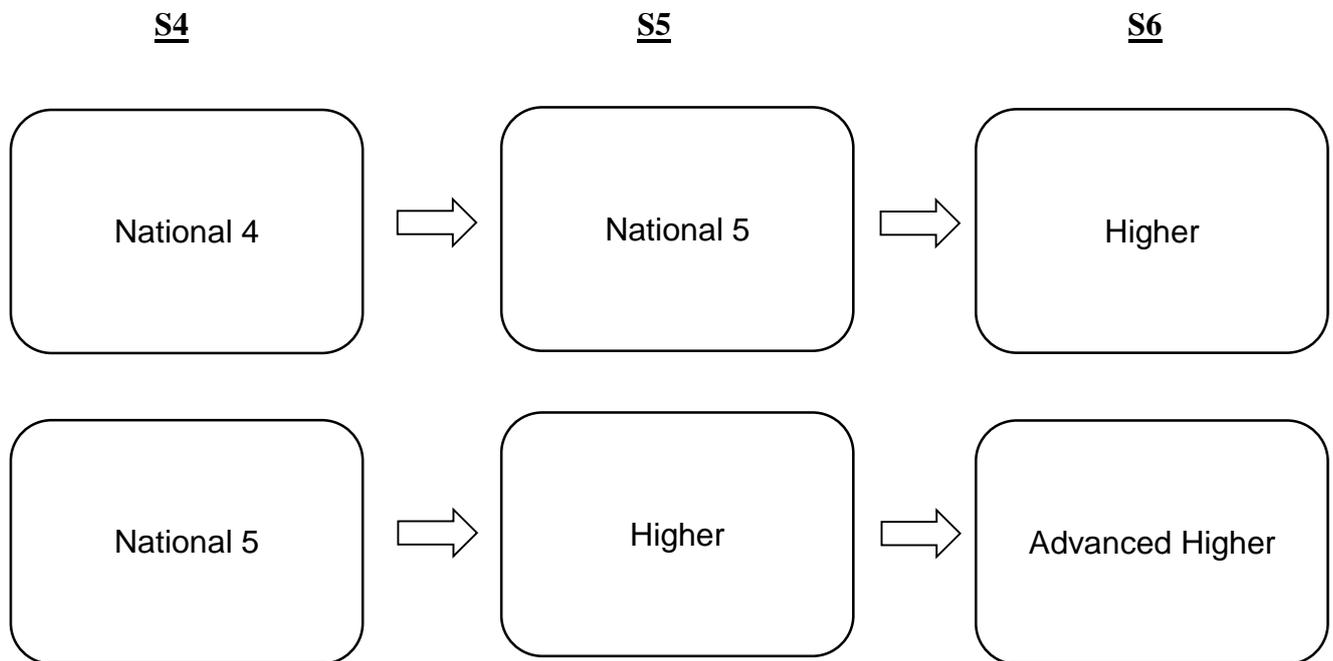
There will be 3 assessments throughout the course, with pupils completing the outcomes when they are ready as part of their learning. Pupils must pass these outcome in order to complete the course and to be presented for the final exam. The exam consists of a question paper worth 60 marks which is marked externally by the SQA, and together with the added value unit which is worth 30 marks, pupils will graded A-D.

Advanced Higher

Each of the three units is assessed internally throughout the year. The external exam is based on the work covered in unit 1, and is worth 50 marks and the Geographical Folio is made up of two pieces of work covered by units 2 and 3 and is worth 100 marks. These are marked externally by the SQA and pupils will be graded A-D.

PROGRESSION – Geography

Progression



DEPARTMENT - Geography

Courses Offered:

TRAVEL AND TOURISM – SKILLS FOR WORK National 4 and National 5

Course Content:

This skills for work course consists of four main units:

UNIT 1 – SCOTLAND

This unit introduces candidates to Scottish Destinations, Current Trends within the Scottish tourism industry and looks at the positive and negative impacts of tourism in Scotland. Candidates are also introduced to customer service as they have to plan holidays within Scotland that meet the needs of the customer.

UNIT 2 – EMPLOYABILITY

In this unit candidates investigate careers within the travel and tourism industry. They are also assessed on their employability skills by carrying out a work related activity.

UNIT 3 – CUSTOMER SERVICE

This unit develops the candidates' knowledge of customer service. Pupils will gain a knowledge and understanding of marketing and promotion within the travel and tourism industry. They will also have to demonstrate their customer service skills through role play; demonstrating how they would interact with customers and deal with difficult situations and complaints.

UNIT 4 – UK & WORLDWIDE

This unit introduces candidates to different types of destinations within the UK and around the world. Candidates will research trends in this sector and the impact tourism has had around the world. They will have to present information on destinations within the UK, Europe and the rest of the world and provide information to meet the needs of customers.

ENTRY REQUIREMENTS: Candidates will be expected to have a good knowledge of the world and be enthusiastic about travel. Pupils will also need to demonstrate a commitment to meeting deadlines and have good literacy and communication skills.

Assessment:

This course is a skills for work course and therefore there is no external exam. Assessment is ongoing and pupils will be expected to use coursework as evidence for their folio.

DEPARTMENT - History

Courses Offered:

Advanced Higher History
NQ Higher History
National 3, 4, 5

Course Content:

Advanced Higher –Soviet Union 1917 – 53 A study of political ideology as found in Communist Russia, the changing nature of authority and the policy outcomes of that authority, focusing on the themes of ideology, authority and revolution

Higher - This course is divided into **three** units. The Higher History Course allows learners to acquire breadth and depth in their knowledge and understanding of the past through the study of Scottish, British, European and world contexts

Migration & Empire 1830-1939- a study of population movement and social and economic change in Scotland and abroad between 1830 and 1939, illustrating the themes of empire, migration and identity. This therefore includes the experiences of immigrants in Scotland and we can use Dundee as a case study for this topic.

The Making of Modern Britain, 1851–1951- pupils will study the development of democracy including women's suffrage and be able to evaluate the reasons why the Liberals introduced social welfare reforms 1906-14 and assess the effectiveness of these reforms and also the social welfare reforms of the Labour Governments 1945-51

USA 1918 – 1968 – pupils are given the opportunity to study the popular Civil Rights topic and will be able to evaluate the obstacles for the achievement of Civil Rights, reasons for the development of the movement and assess its effectiveness. This topic also studies the reasons for the economic crisis of 1929-33 and then allows assessment of the effectiveness of the New Deal in dealing with the crisis. Pupils will also evaluate the reasons for the changing attitudes to immigrants in the 1920s.

National 3, 4, 5 - This course is divided into three units and this year all National History classes will complete the following –

Historical Study (Scottish) - **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. This topic considers the impact of technology on the soldiers on the Western Front. It also considers the way in which the war changed life for people at home as the war began to impact on every aspect of life both during and after the war.

Historical Study(British) - **Changing Britain , 1760-1900-** a study of the reasons for and impact of industrialisation on life in Britain – Health and Housing , Industry (textile factories and coal mining), Transport (canals and railways) and pressure for democratic reform.

Historical Study (European and World)-**Red Flag: Lenin and the Russian Revolution, 1894-1921.** This will be a study of the collapse of imperial rule and the establishment of the Communist government and will illustrate the themes of ideas, conflict and power.

Assessment:

All National 5, Higher and Advanced Higher courses involve a mixture of internally assessed units and an external exam. All internal assessments must be passed in order to achieve an overall award for each course.

National 4 – is assessed internally on a pass/fail basis for each of the units and evidence can be drawn from a variety of activities and presented in a variety of formats

National 3 – as for National 4 above.

Additional Information:

Advanced Higher includes a 4000 word dissertation.

Higher *– includes a written assessment worth 30% of the total award.

National 5 *– includes a written assignment which is 25% of the total award.

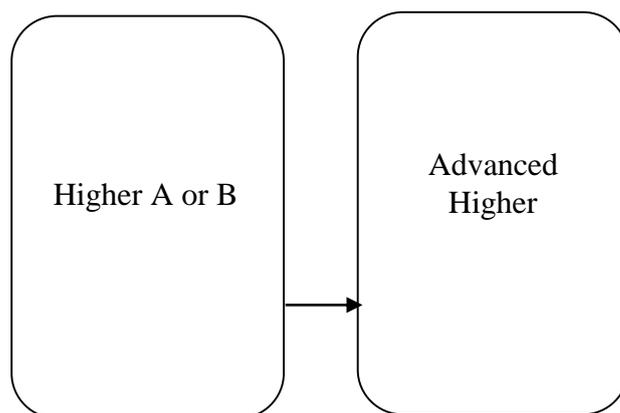
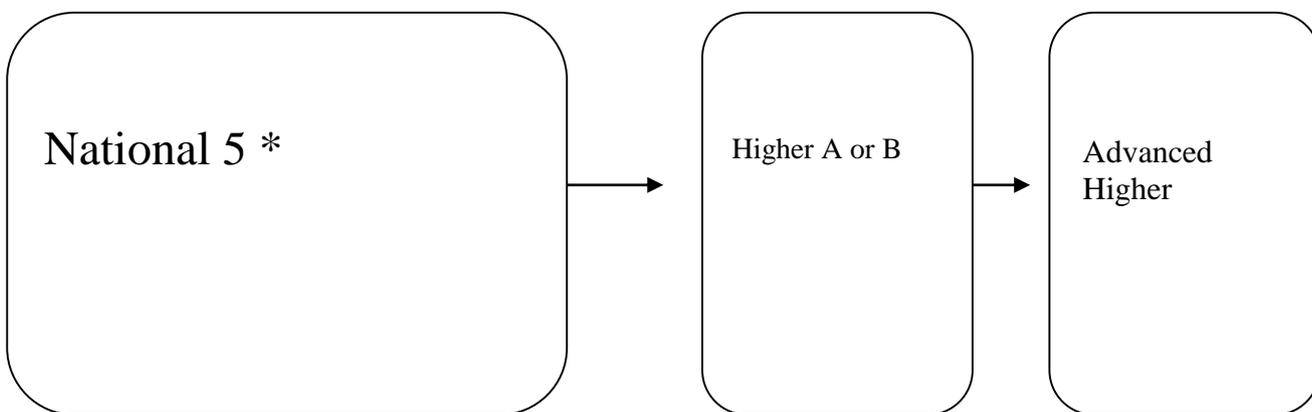
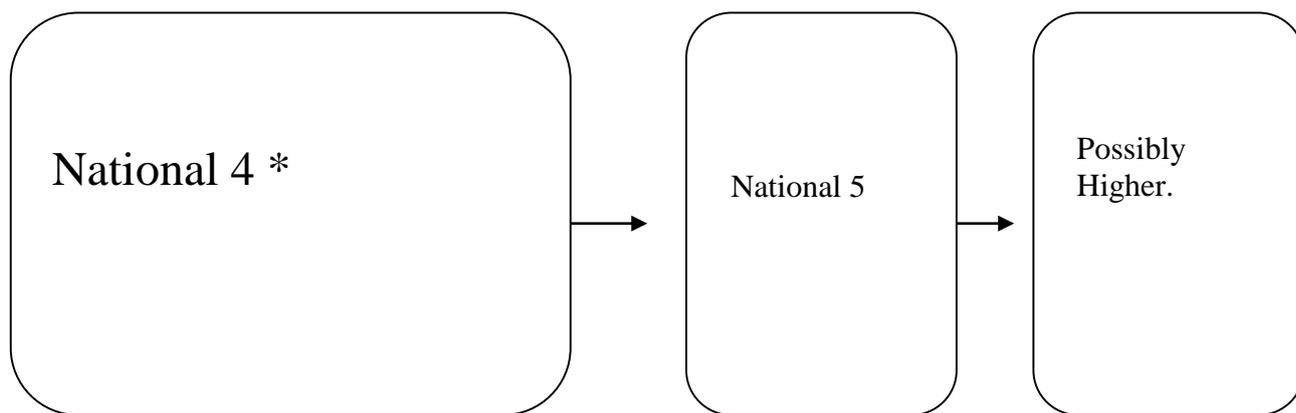
(*the assignments allow pupils ‘open choice’ of where they wish to broaden their historical knowledge further)

PROGRESSION - History

S4

S5

S6



*Pupils can also study History in S5/S6 even if they have not studied the course since S2. However, this should be discussed with the Principal Teacher in the first instance so advice can be given on the level to follow.

DEPARTMENT - Home Economics

Courses Offered:

National 3, 4 and 5 Health and Food Technology
National 4 and 5 Fashion and Textile Technology
National 4 and 5 Hospitality Practical Cookery
National 5 Practical Cake Craft

Higher Health and Food Technology
Advanced Higher Health and Food Technology
National 4/ 5 Skills for Work Early Education /
Childcare

Course Content:

Health & Food Technology - Advanced Higher

This course addresses contemporary issues affecting food and nutrition, including ethical and moral considerations, legislation, sustainability, psychology of food trends, food production and development, and their effects on consumer choices. Learners research and apply knowledge and understanding of the relationships between nutrition, food and health, and develop detailed knowledge and understanding of the science and sensory testing of food.

Higher

The 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 analyze the relationships between health, food and nutrition, and plan, make and evaluate food products to a range of dietary and lifestyle needs.

National 3, 4 and 5

The Course consists of three Units:

- Food for Health – Pupils will develop knowledge and understanding of the relationships between health, food and nutrition
- Food Product Development – Pupils will develop knowledge and understanding of the functional properties of food
- Contemporary Food Issues – Pupils will make informed food and consumer choices and develop the skills to apply their knowledge in practical contexts

National 4 / 5 Hospitality

The Course consists of three Units:

Cookery Skills, Techniques and Processes

This Unit aims to develop learners' cookery skills, food preparation techniques, and their ability to follow cookery processes, in the context of producing dishes with minimal guidance.

Course content continued:

Understanding and Using Ingredients

This Unit aims to develop learners' knowledge and understanding of ingredients from a variety of different sources and their uses. It also addresses the importance of responsible sourcing of ingredients and of current dietary advice

Organisational Skills for Cooking

This Unit aims to develop learners' organisational and time management skills. Learners will acquire the ability to follow recipes and time plans to produce dishes, with minimal guidance, and to work safely and hygienically.

National 4 / 5 Fashion and Textile Technology:

The National 4 and 5 Fashion and Textile Technology Courses enables learners to develop knowledge of textile properties, characteristics and technologies, item development, fashion/textile trends and factors that affect fashion choice. The Courses particularly emphasises the development of practical skills and textile construction techniques to make straightforward fashion/textile items, to an appropriate standard of quality.

The courses consist of the following units:

Textile Technologies / Fashion/Textile Item Development / Fashion and Textile Choices

Practical Cake Craft: - Practical Cake Craft qualification develops cake-baking and cake finishing skills, and creativity in cake finishing, in a range of production methods. Learners embed food safety and hygiene skills, and develop organisational skills in the context of managing time and resources

The course consists of two Units:

Cake Baking

In this Unit, pupils will produce a range of cakes and other baked items and work safely and hygienically.

Cake Finishing

In this Unit, pupils will demonstrate their ability by creatively applying finishing techniques to a range of cakes and other baked items working safely and hygienically.

Skills for Work – National 4 / 5 Early Education and Childcare

Early Education and Childcare is an introductory qualification that develops the skills, knowledge, and attitudes needed for work in early education and childcare sector. Learners begin to prepare for working in the sector. They also develop transferable employability skills. Pupils will study the following three units:

Child Development and Health /Play in Early Education and Childcare / Working in Early Education and Childcare

They will also study one other optional unit from the following:

Optional Units: - **First Aid / Parenting / Care and Feeding of Children.**

Health & Food Technology:

Nat 5, Higher, Advanced Higher– All three units are assessed internally on a pass/fail basis. Question Paper 50% (Externally marked) as well as an Added Value Unit 50% (Externally marked).
National 3 and 4 – All units are internally assessed on a pass/fail basis and evidence can be drawn from a variety of activities and presented in a variety of formats

National 4 and 5 Hospitality: All units are internally assessed on a pass/fail basis. Added Value Unit: Producing a Meal. Pupils will carry out a practical activity which will require them to prepare, cook and present a two-course meal within a given timescale. * Three-course meal at National 5 level*

National 4 and 5 Fashion and Textile Technology:

All units are internally assessed on a pass/fail basis, however are subject to external verification. The added value unit involves pupils making a Fashion/Textile Item to a given brief, set by SQA.

Practical Cake Craft:

Pupils will complete a final practical assignment that involves working with a brief set by SQA. Pupils have to plan, prepare and complete the cake to a 'commercial standard' and finally evaluate the item. Internally assessed units on a pass/fail basis and externally verified practical assignment.

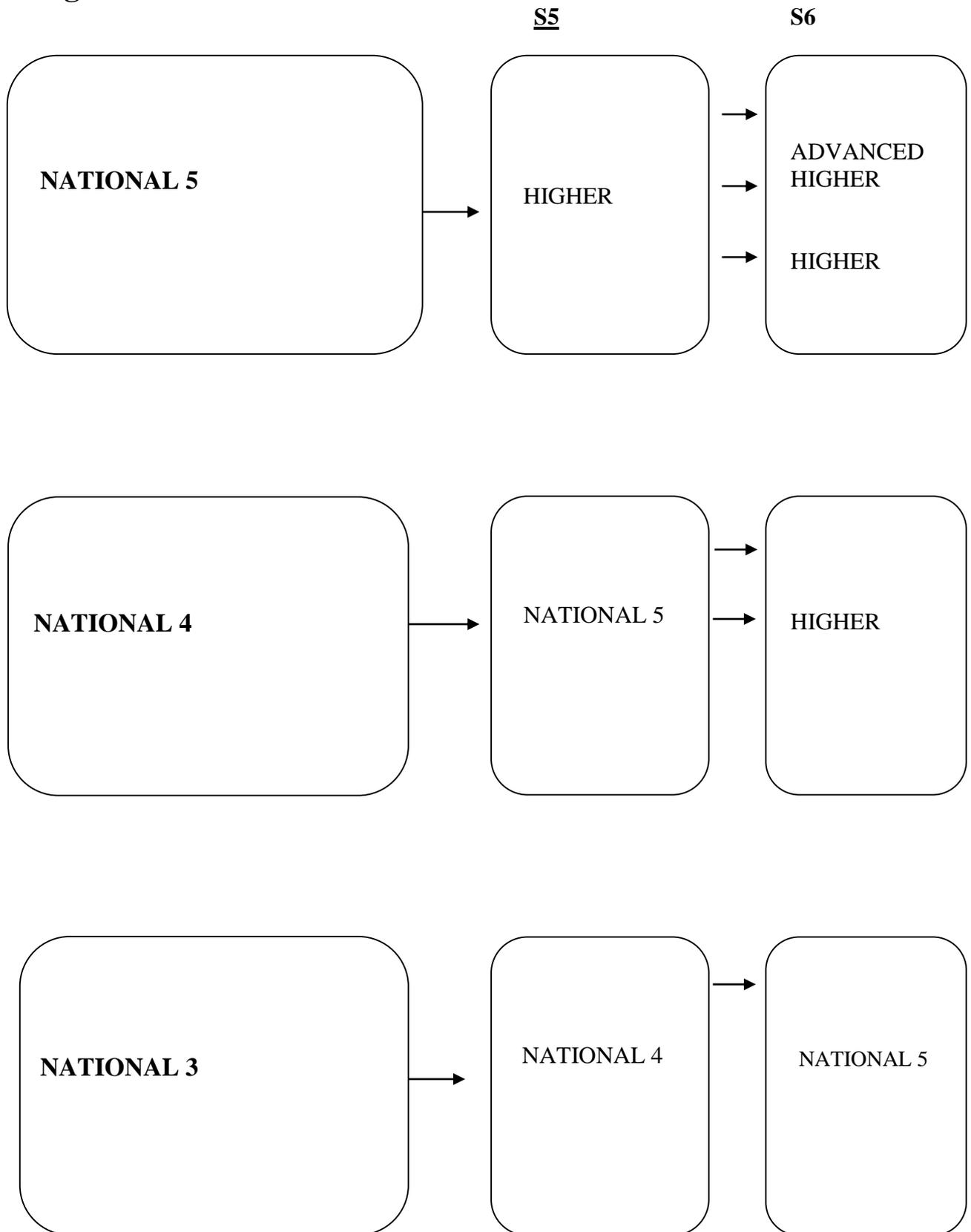
Skills for Work: National 4 and 5 Early Education and Childcare:

Assessment evidence will be gathered in a variety of ways for all units and assessment tasks. However pupils will be expected to work in groups, pairs and with partner agencies such as colleges and employers.

Additional Information:

- Students should be aware that National 4 / 5 Practical Cookery will involve more practical work than theory, however some theory work is still involved.
- Pupils can select a combination of courses within the department in the one year. It is suggested that pupils considering selecting Practical Cake Craft discuss this with an H.E. teacher first. It would be beneficial to have Practical Cookery / Nat 4 / 5 award, however not essential in all cases.
- Students selecting National 5 Hospitality may be given the opportunity to work in a commercial/industrial/hotel kitchen whilst studying for the course.
- Chef's whites will be provided for those selecting National 5 Practical Cookery.
- Students selecting National 4 / 5 or Higher Health and Food Technology should be aware it is mainly theory based.
- Pupils / parents should also be aware that H.E. courses involve a fee at the start of the course which goes towards the purchase of ingredients / fabric.
- Further information available from H.E Department.

Progression – Home Economics



DEPARTMENT - Mathematics

Courses Offered:

4th Year

N3 Lifeskills Maths

N4 Maths

N5 Maths

5th Year

N4 Lifeskills Maths

N4 Maths

N5 Lifeskills Maths

N5 Maths

Higher Maths

6th Year

N5 Maths

Higher

Advanced Higher Maths

Course Content:

The **National 3 Lifeskills** course contains three units:-
Numeracy, Manage Money and Data and Shape, Space and Measures.

The units in the **National 4 Lifeskills** course are:-
Numeracy, Managing Finance and Statistics and Geometry and Measures. There is also an Added Value unit for this course covering all three units

The **National 4 Maths** units are:-
Numeracy, Expressions and Formulae and Relationships. There is also an Added Value unit for this course covering all three units.

The three units for **National 5 Lifeskills Maths** are:-
Numeracy, Managing Finance and Statistics and Geometry and Measures. There is also an Added Value unit for this course covering all three units

The three units for **National 5 Maths** are:-
Expressions and Formulae, Relationships and Applications

Higher Maths – Builds upon previous knowledge of algebra, geometry, and trigonometry covered in National 5. Calculus is also introduced at this level.

Assessment:

All the Maths courses contain three units. There are tests linked to each of the three units and success in these is necessary to obtain an overall course award.

There will be prelim examinations for N5, Higher and Advanced Higher prior to the final SQA exam.

The National 4 Added Value Units have non-calculator and calculator papers. These units are completed under exam conditions and marked internally.
National 5 and Higher courses both have two papers, a non-calculator and a calculator paper. These exam papers are marked externally by SQA.

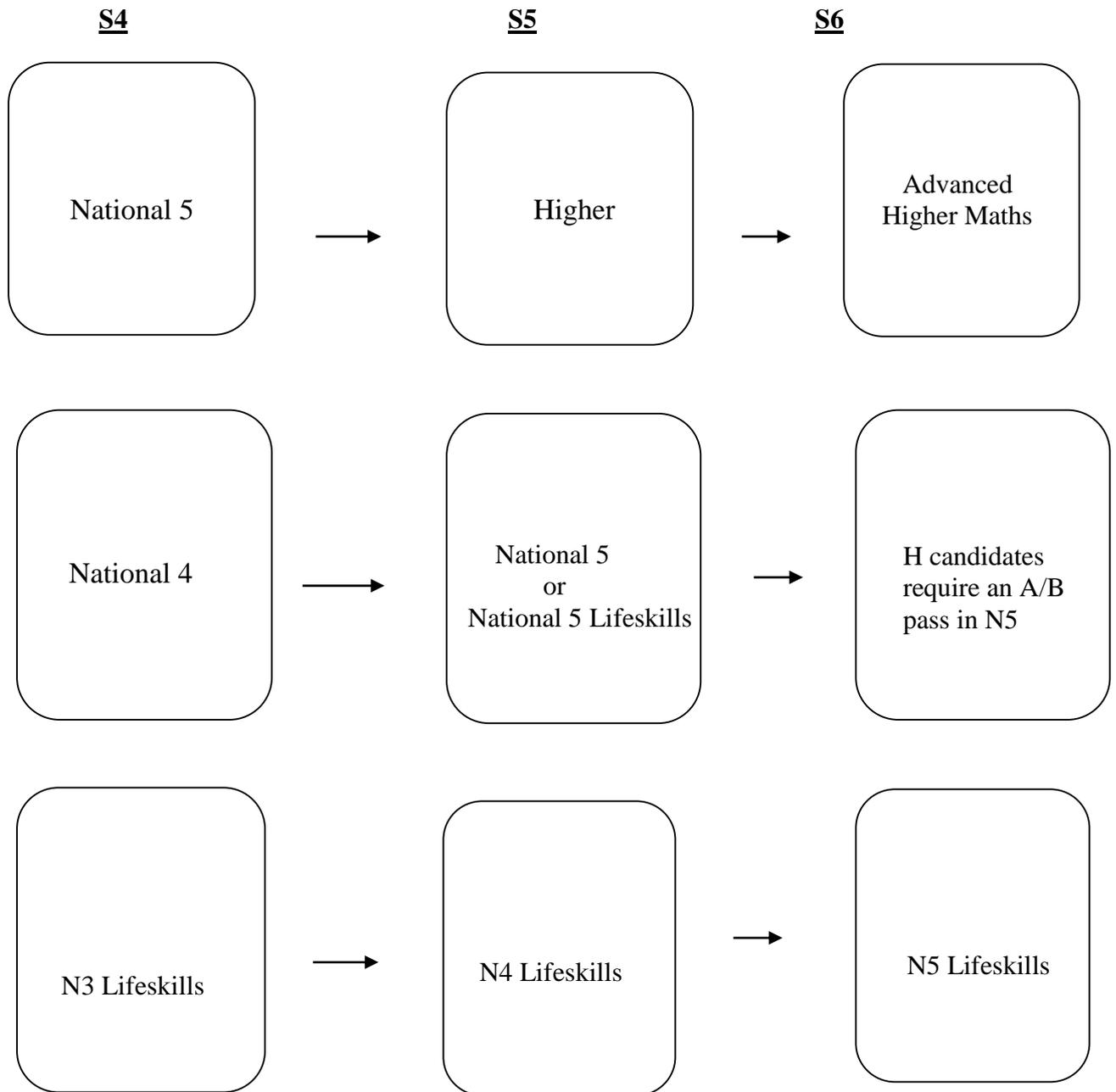
At Advanced Higher level the SQA exams have only one paper where calculators are permitted. These papers are marked externally by the SQA.

Additional Information:

Pupils need to keep up homework on a daily basis by completing work not finished in class and reading over notes. In addition, homework exercises are issued weekly. These exercises form a vital part of the course by revising work and consolidating key concepts covered in class. Pupils choosing Maths need to be strongly committed to their course choice and keep up to date with classwork and homework.

Scientific calculators are essential for all maths courses.

PROGRESSION - Mathematics



Additional Information:

Learning a language can help your memory, creativity, listening skills and self-confidence. It also improves your communication skills. Furthermore, English is not enough! Not everyone speaks or wants to speak English. In fact, the UK has a shortage of people who can combine language skills with other specialisms especially in Science, Technology, Engineering and Maths. Having a language can help lead to a career in Construction, Law, Marketing, Journalism and many more.

Learners in S4 / S5 and S6 may choose to study another modern language to the one they have already studied.

DEPARTMENT - Modern Languages

Courses Offered:

Languages for Life and Work Award
(SCQF Levels 3 & 4 – equivalent to National 3 and National 4)

Course Content:

The award comprises of three units:
Building Your Own Employability Skills
Modern Languages for Work Purposes
Modern Languages for Life

The Award aims to enable learners:

- Develop talking and listening skills in one or two modern languages in the contexts of life and work at level 3 plus reading skills at level 4
- Develop knowledge of one or two modern languages in the context of life and work
- Develop and demonstrate employability skills.

Assessment:

The course is assessed over the course of the year on a pass or fail basis. Learners must pass all assessments to achieve each unit. All three units must be passed to gain the overall award.

Additional Information:

The units can be done in different languages and may not be the language they have studied to date.

Progress can be to Modern Languages for Work Purposes level 5 & 6 or National 3 or 4 Modern Languages

In addition S5 and S6 pupils may select individual units of this course as a means of sustaining their language skills or to gain experience of a new language through the core period option.

DEPARTMENT - ESOL

Courses Offered:

SQA ESOL – English for Speakers of Other Languages
National 3, 4, 5 and Higher

ESOL is a course for candidates whose first language is not English.

Course Content:

The courses have 2 mandatory units
ESOL for Everyday Life
ESOL in Context (Study)

The ESOL courses provide learners, whose first language is not English, with the opportunity to develop their language skills of reading, writing, listening and speaking. Pupils will use different media effectively for learning and communication in English. They will develop an understanding of how language works and use new language to communicate ideas and information.

Assessment:

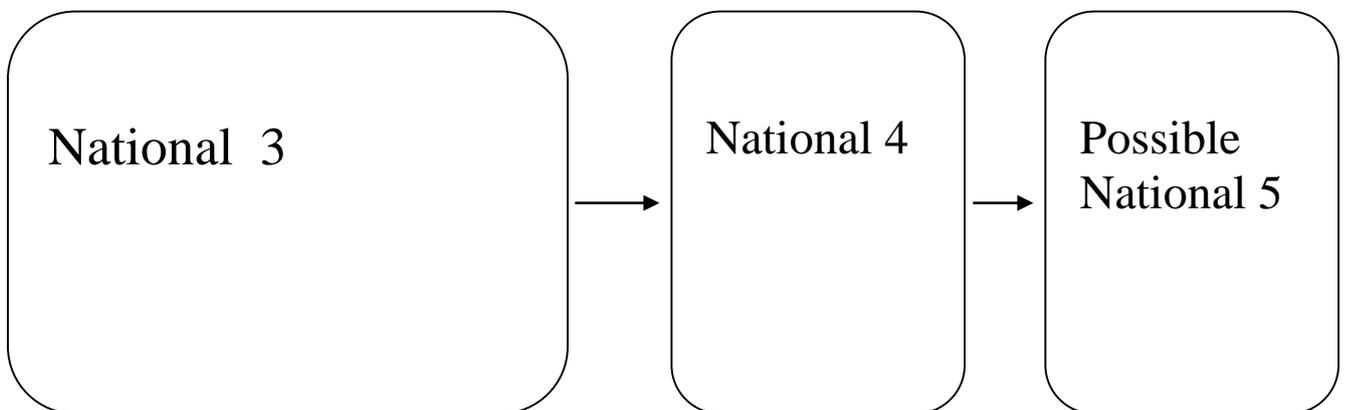
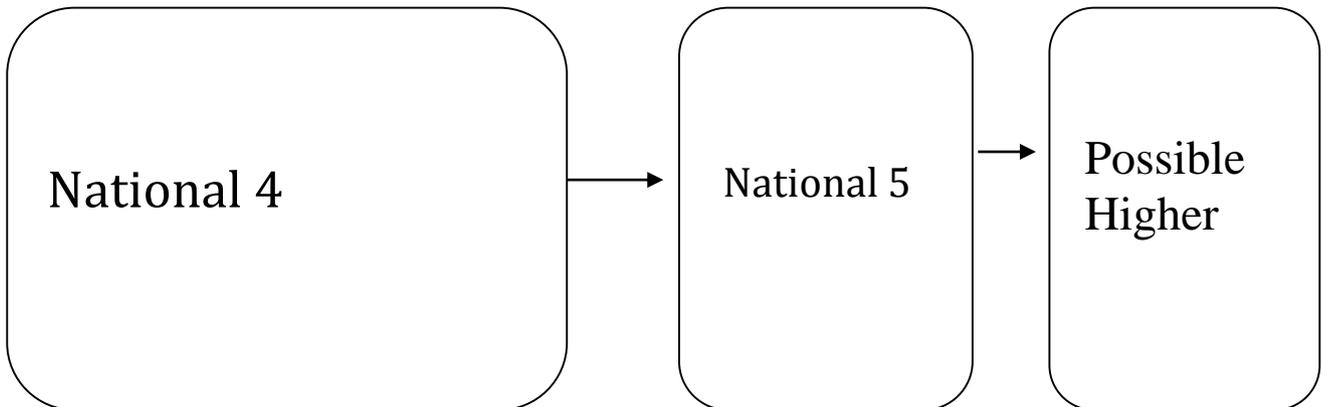
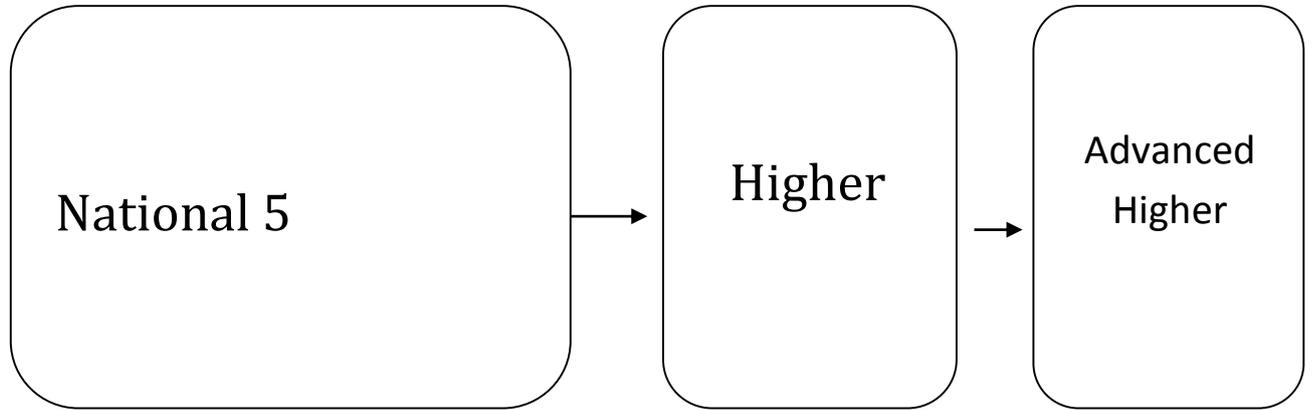
ESOL candidates are required to pass both units and evidence will be collected and verified.
N3 – 2 units. The course is not graded
N4 – 2 units plus added value unit. The course is not graded.
N5 – 2 units, IACCA (LISTENING & SPEAKING) and external exam. The course is graded.
Higher / N6 – 2 units, IACCA (LISTENING & SPEAKING) and external exam.
The course is graded.

PROGRESSION - Modern Languages

S4

S5

S6



DEPARTMENT - Modern Studies

Courses Offered:

National 4/5 in Modern Studies

Course Content:

These courses will be divided into 3 units:

Democracy in Scotland – here pupils will develop a knowledge and understanding of our parliamentary systems and the different electoral systems that are in place to count votes after elections. Participation and representation are main concepts in this political unit.

Social Inequalities in the UK – this unit will cover the definitions of poverty and the problems faced by vulnerable groups who live in poverty today, and the help they are given from central and local governments, families, voluntary organisations and the role of Foodbanks.

World Powers – pupils will study the ideology of China and its place in the capitalist world with a view to making a comparison with the ideology of the USA at Higher level.

Assessment:

National 4 – pupils must pass all of the required 3 units above, including the ‘Added Value Unit’. These will be internally assessed on a pass/fail basis.

National 5 – pupils must pass all of the required 3 units as well as the course assessment. The course assessment consists of a Question Paper worth 60 marks (75% of the total) and a course assignment worth 20 marks (25% of the total). These are externally assessed by the SQA and graded A-D.

Additional Information:

Apart from the content of the 3 units, emphasis will be placed on developing pupils’ research skills; gathering and evaluating information along with learning how to draw developed conclusions. Skills that are vital for the world of work today.

DEPARTMENT - Modern Studies

Courses Offered:

National - 3/4/5
Higher (N6)
Advanced Higher (N7)

Course Content:

Nationals 3/4/5 – Democracy in Scotland
Social Inequalities in the UK
World Powers - China

Higher - Democracy in Scotland and in the UK
Crime: Law and Order
World Powers - the USA

Advanced Higher – Social Issues: Law and Order, and Research Methods
5,000 word dissertation
National Exam

Assessment:

National 3 3 x Internal End of Unit Tests
Coursework throughout the year

National 4 3 x Internal End of Unit Tests,
One Added Value Unit
Coursework throughout the year

National 5 3 x Internal End of Unit Tests
One Assignment (25%)
National Exam (75%)

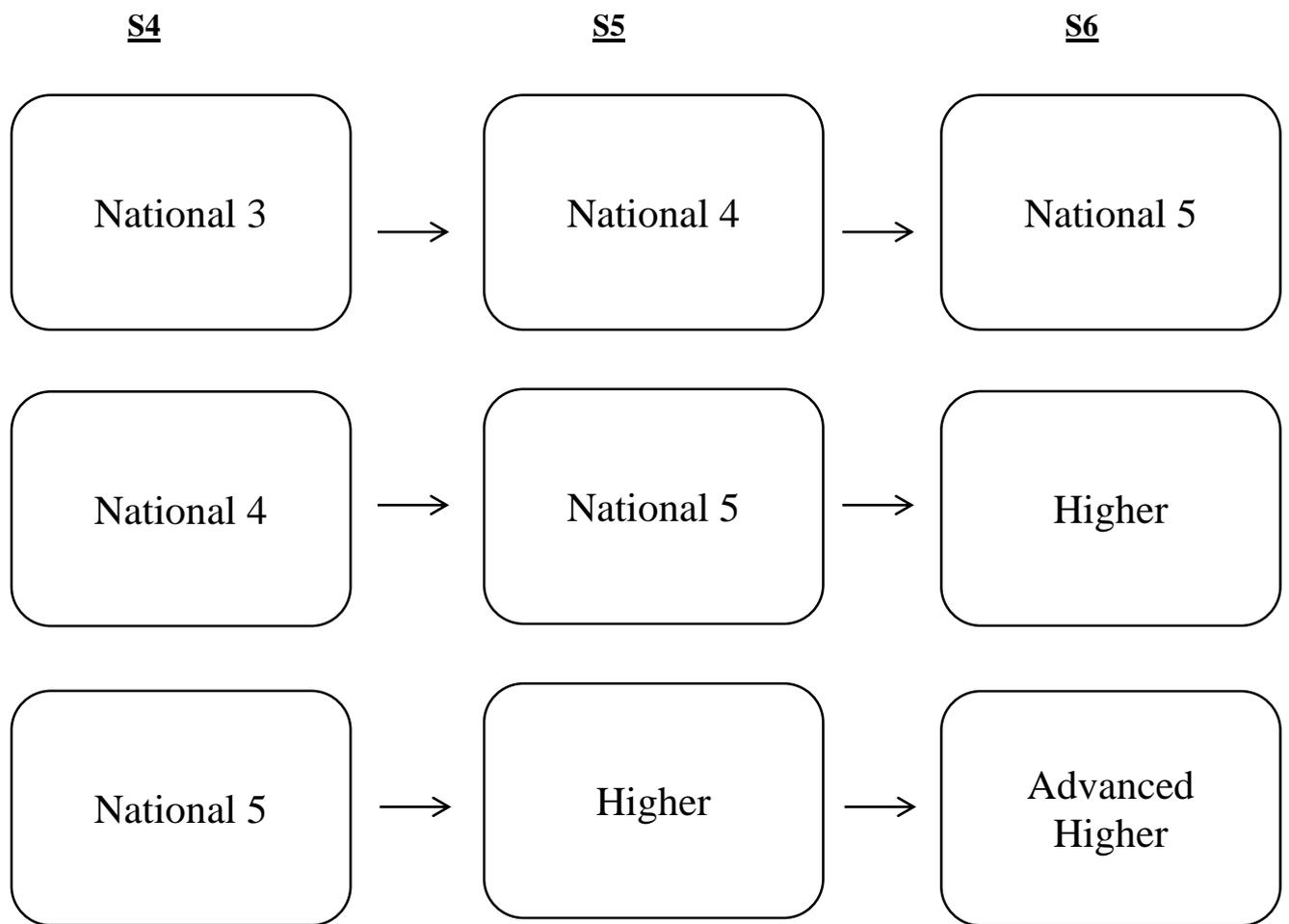
Higher 3 x Internal Assessments
One Assignment (33%)
National Exam

Advanced Higher 3 x NABs
5,000 word dissertation
National Exam

Additional Information:

To ensure Effective Learning and Teaching, members of our department use a variety of teaching methods, including: debates and role play, visiting speakers and workshops, videos and web-sites. School trips include visits to the Scottish Parliament, Abertay University for our annual Higher Christmas Lectures, visits to HMP Perth Prison and Castle Huntly, and criminology conferences (both national and citywide).

Progression



DEPARTMENT - Music

Courses Offered:

National 3, 4 and 5 Music

Course Content:

The course is delivered in three areas: Composing, Understanding and Performing.

Composing: Pupils will develop skills in creating music in order to create their own original music.

Understanding: Pupils will develop knowledge and understanding of music, a range of music concepts and basic musical literacy. Pupils will broaden their knowledge of music by listening to and analysing music from a wide range of styles, including those from other cultures.

Performing: Pupils will develop skills on two instruments or one instrument and voice. They will develop the ability to play accurately and maintain musical flow. Through regular practice and reflection, pupils will develop technical and musical skills while exploring a range of music.

Pupils will be assessed in a solo performance in term 3. At National 5 level, this will be assessed by a visiting assessor from SOA.

Assessment:

A continuous assessment approach will be used throughout this course. Pupils will take part in assessed classroom performances throughout the year and their composition work will be continually monitored. The understanding of music will also be evaluated through the use of questioning techniques, discussions and listening tests. Teachers will regularly provide meaningful feedback to pupils who will also have a role in the assessment of both their own and others' work. Pupils will be encouraged to become confident in devising their own targets and taking responsibility for their personal learning.

For National 4, units will be internally assessed as pass/fail. This assessment will be under similar conditions to national 5 and is subject to verification from SQA.

For National 5, assessment will consist of two components: a performance to a visiting examiner in February/March, and an externally marked listening question paper during the summer exam diet.

Additional Information:

Pupils will be expected to practise their instruments (or instrument and voice) on a regular basis out with class time. There will also be homework on the understanding of music concepts and theory.

Pupils will develop a broad range of skills for learning, life and work such as personal learning skills, thinking skills and using ICT. Regular performing develops self-confidence and resilience and sustaining a practice routine on an instrument or voice requires self-discipline, perseverance, planning and the ability to identify areas for improvement.

DEPARTMENT - Music

Courses Offered:

Creative Industries

National 5 Skills for work course (SCQF level 5)

Course Content:

In this course, each pupil will have the freedom to explore and learn about an area of the creative industries they are passionate about.

The course is delivered in four units:

➤ **Unit 1: An Introduction to Creative Industries**

Pupils will be introduced to the creative industries, the sectors, career paths, jobs, roles and responsibilities. They will then evaluate their own skills against those needed in the creative industries and set targets to improve their employability through the course.

➤ **Unit 2: Skills Development**

Pupils will develop practical skills with a view to gaining skills in an area within the Creative Industries. Pupils will have to plan and set targets, receive feedback on progress and evaluate their chosen approaches to skills development.

➤ **Unit 3 – The Creative Process**

The focus of this unit is creative thinking and collaborative working. Candidates will be given a brief outlining a hypothetical creative task and individually and as a team they must respond to this by researching, planning then giving a presentation on how they would fulfil the task.

➤ **Unit 4 –The Creative Project**

Pupils will work as part of a team to plan and implement an event (for example a Talent Show) in which they will work as a team to plan the lighting, sound, publicity, stage management etc. The project is then evaluated. Throughout the project candidates use and develop their practical skills and employability skills in the Creative Industries.

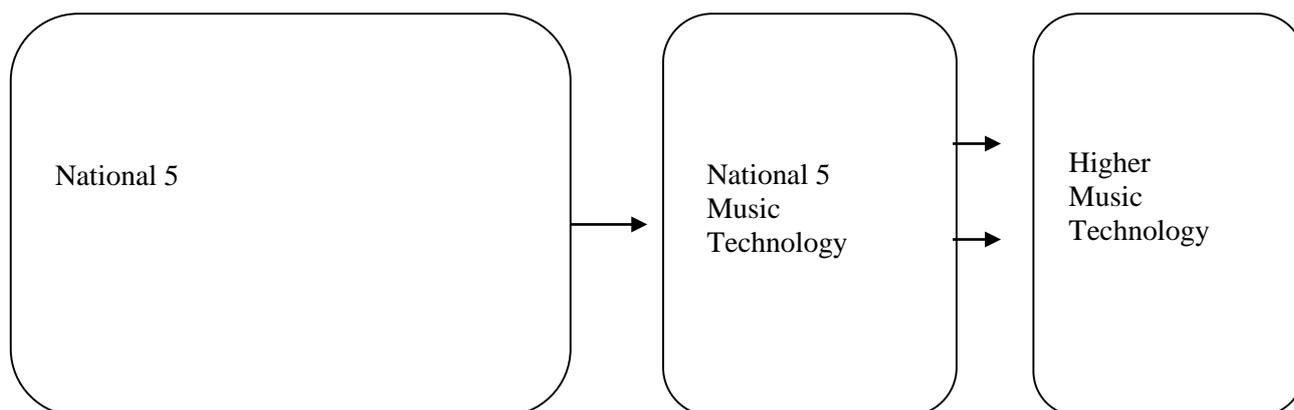
Assessment:

There is no external assessment for this Course. Pupils must successfully complete each Unit to achieve a Course award. Pupils will be expected to produce a candidate folio and be assessed through practical activities. Performance evidence will be supported by assessor observation checklists and candidate reviews. Pupils will also be required to carry out self-evaluation on a range of skills, review progress and identify action points as part of the assessment of employability skills.

Additional Information:

Creative Industries is an exciting new course which allows pupils to explore areas which were previously not on offer in school. It also affords candidates a diverse range of learning experiences and is an excellent link between school and employment or further education at college or university.

The very nature of the course requires a considerable amount of independent learning, investigation, research and study. Pupils will also need to get involved with the extra-curricular life of the school in order to fulfil the assessment criteria's of the course.



DEPARTMENT - Music

Courses Offered:

Music with Performing

National 3, National 4, National 5, Higher, Advanced Higher

Course Content:

The course is delivered in three areas: Composing, Understanding and Performing.

Composing: Pupils will develop skills in arranging and composing music in order to create their own original music. Pupils will undertake a range of composition tasks from a wide range of musical styles.

Understanding: Pupils will develop knowledge and understanding of music, a range of music concepts and basic musical literacy. Pupils will broaden their knowledge of music by listening to and analysing music from a wide range of styles, including those from other cultures. This unit includes music from the Medieval Period up until present day including Music of the 20th and 21st Centuries.

Performing: Pupils will develop skills on two instruments or one instrument and voice. They will develop the ability to play accurately and maintain musical flow. Through regular practice and reflection, pupils will develop technical and musical skills while exploring a range of music. Pupils will take part in regular assessment throughout the course, but will be formally assessed in a solo performance in term 3. At National 5 and Higher level, this will be assessed by a visiting assessor from SQA. At Advanced Higher level, pupils will be assessed by a visiting assessor from SQA in term 4. Pupils will be expected to take part in performance platforms organised by the Music Department in order to meet the requirements of this unit.

Assessment:

A continuous assessment approach will be used throughout this course. Pupils will take part in assessed classroom performances throughout the year and their composition work will be continually monitored. The understanding of music will also be evaluated through the use of questioning techniques, discussions and listening tests. Teachers will regularly provide meaningful feedback to pupils who will also have a role in the assessment of both their own and others' work. Pupils will be encouraged to become confident in devising their own targets and taking responsibility for their personal learning.

For National 4, units will be internally assessed as pass/fail. This assessment will be under similar conditions to national 5 and is subject to verification from SQA.

For National 5 and Higher, assessment will consist of two components: a performance to a visiting examiner in term 3 and an externally marked listening question paper during the summer exam diet.

At Advanced Higher level, pupils will be able to choose between Performing on two instruments or Creating a portfolio of original music. This may offer scope for pupils currently sitting Higher Music Technology as they can transfer the skills gained in Music Technology towards the Portfolio Added Value Assessment.

Additional Information:

At Advanced Higher level, pupils have the option of specialising in Performing or creating a portfolio of music for the added value assessment. This may offer scope for pupils currently sitting Higher Music Technology as they can transfer the skills gained in Music Technology towards the Portfolio Added Value Assessment. Pupils will still be expected to play two instruments as part of the Performing Skills Unit.

Pupils will be expected to practise their instruments (or instrument and voice) on a regular basis out with class time. There will also be homework on the understanding of music concepts and theory.

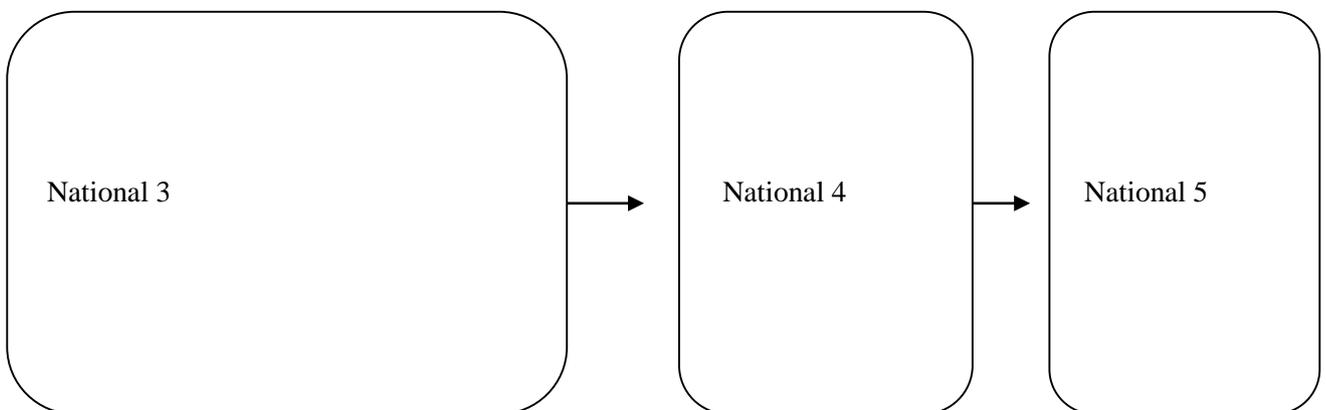
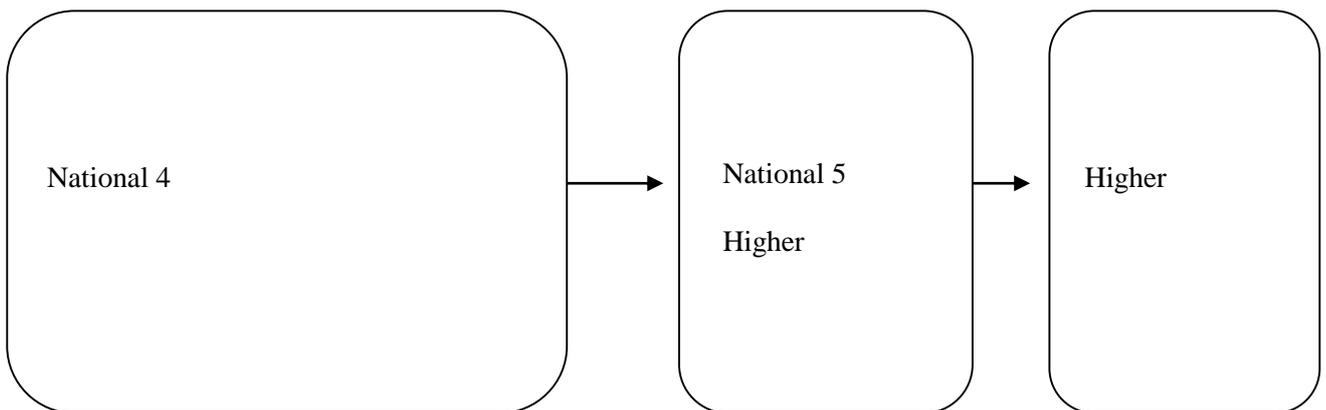
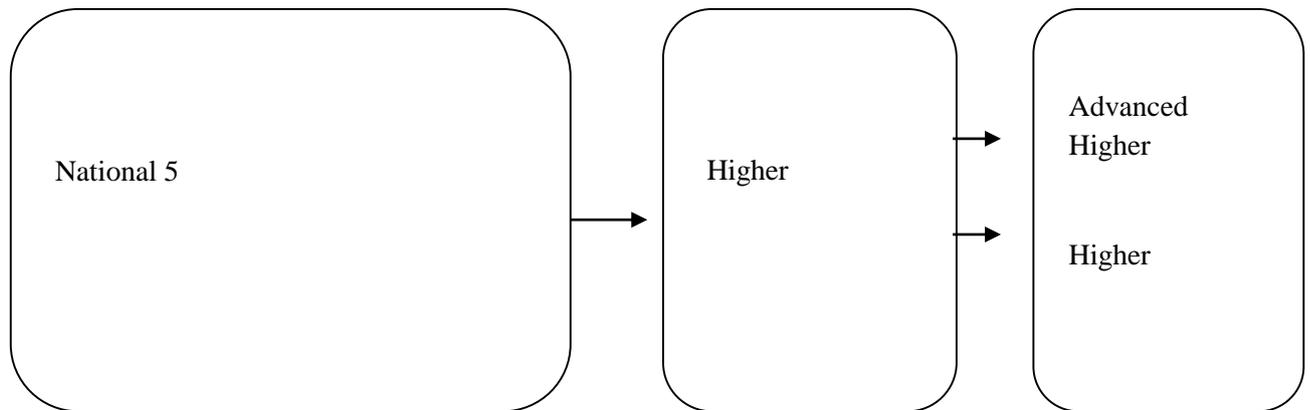
Pupils will develop a broad range of skills for learning, life and work such as personal learning skills, thinking skills and using ICT. Regular performing develops self-confidence and resilience and sustaining a practice routine on an instrument or voice requires self-discipline, perseverance, planning and the ability to identify areas for improvement.

PROGRESSION - Music

National

S5

S6



DEPARTMENT - Music Technology

Courses Offered:

Music Technology

National 3, National 4, National 5, Higher

Course Content:

The course is delivered in three areas:

Music Technology Skills: Pupils will develop skills and techniques relating to the use of music technology hardware and software to capture and manipulate audio. This includes safe use of equipment as well as effective approaches to successful recording. Much of this will be done through practical activities.

Music Technology in Context: Pupils will use music technology skills in a range of contexts such as live performances, multi-track recording, radio broadcast, advertising jingles, and and/or sound design for film. Pupils will work in small groups to develop their understanding of these contexts through research and practical recordings.

Understanding 20th and 21st Music: Pupils will develop knowledge and understanding of 20th and 21st Century musical styles and genres, and an understanding of related musical technology developments. This includes instruments and techniques, various styles of music from the 1930s to present day, effects and technology used in popular music. Pupils will also learn about copyright issues and research case studies relating to intellectual property.

Assessment:

A continuous assessment approach will be used throughout this course.

Pupils' music technology skills will be continually monitored and assessed throughout the year. Pupils will also submit completed projects for assessment.

The understanding of 20th and 21st century music will be evaluated through the use of questioning techniques, discussions, submitted projects and listening tests.

Teachers will regularly provide meaningful feedback to pupils who will also have a role in the assessment of both their own and others' work. Pupils will be encouraged to become confident in devising their own targets and taking responsibility for their personal learning.

For National 4, units will be internally assessed as pass/fail. This assessment will be under similar conditions to national 5 and is subject to verification from SQA.

For National 5 and Higher, assessment will consist of two components: the course assignment that is submitted to SQA and externally marked, and an externally marked question paper.

Additional Information:

Pupils must have an interest in the world of music technology and will be expected to have a basic understanding of instrumental performance.

Pupils will be expected to work out with class time on their music technology projects. There will also be homework on the understanding 20th and 21st music concepts and theory.

Pupils will develop a broad range of skills for learning, life and work such as personal learning skills, thinking skills and using ICT.

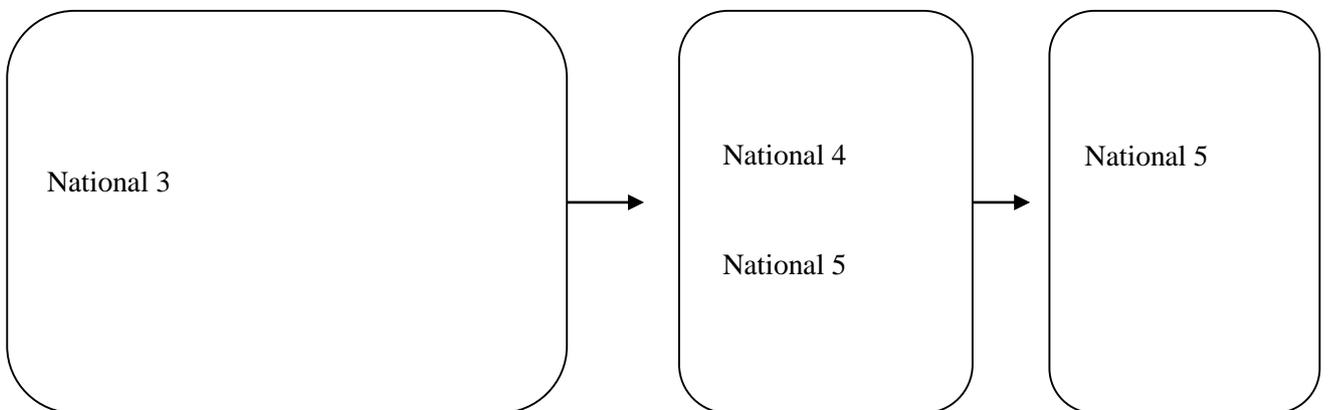
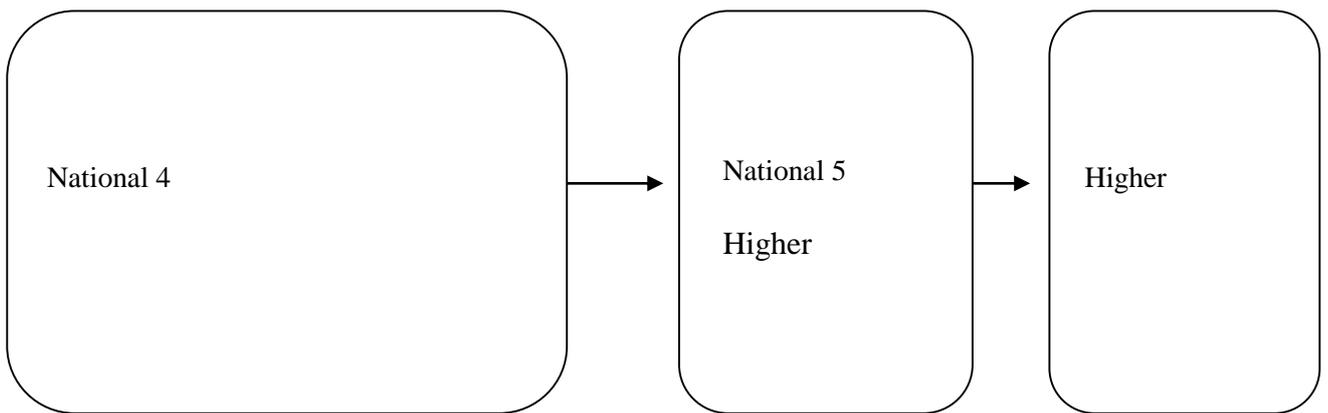
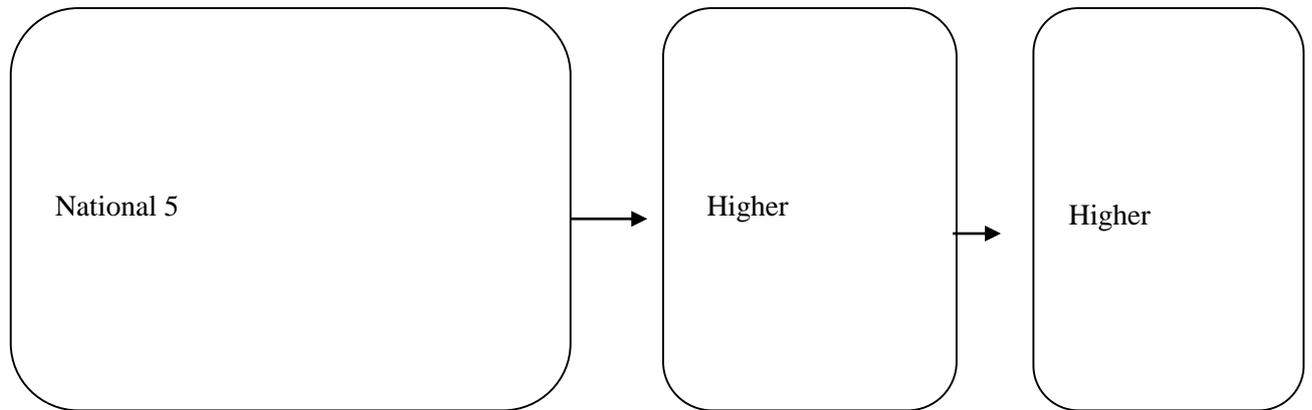
This course prepares pupils for future study in Music Technology.

PROGRESSION -Music Technology

National

S5

S6



DEPARTMENT - PHYSICAL EDUCATION

Courses Offered: National 4/5 Games and National 4/5 Aesthetics

Course Content:

The purpose of this course is to develop pupil's movement and performance skills in physical activities. By engaging in physical activities, learners can demonstrate initiative, decision-making and problem-solving. The course encourages learners to develop a positive attitude towards a healthy lifestyle, and the contribution that physical activity makes to this. The skills that learners acquire by successfully completing this course are transferable to learning, to life and to the world of work. The learner can choose to either go down an aesthetic route or a games route. The only difference between these two courses will be the activities which it is taught through.

Aims of the Course:

- To improve movement and performance skills
- To develop knowledge of factors impacting on performance
- To develop pupils' ability to monitor, record and reflect on performance

This is a one year course where pupils will participate in a variety of activities. These may include :

Games Course - Badminton, Basketball, Swimming, Table Tennis, Football, Volleyball

Aesthetic Course - Gymnastics, Trampolining And Dance

Assessment:

NATIONAL 4

All units will be internally assessed and are on a pass/fail basis, this is not a graded course.

To achieve the National 4 Physical Education Course, learners must pass all of the required Units, including the Added Value Unit. The three required Units are: Performance Skills, Factors Impacting on Performance, Added Value Unit.

NATIONAL 5 is graded A–D.

The grade is determined on the basis of the total mark for all Course assessments together; learners must pass all of the required Units. The learner must also pass a Factors Impacting Performance unit and a Performance Skills unit.

The two course assessments are:

Performance 60% of the marks

on pupil uptake/interest.

The purpose of performance is to assess the learner's ability to plan, prepare for, effectively perform and evaluate personal performance in one physical activity. The performance must be challenging and competitive.

This will allow learners to demonstrate their ability to select a range of skills, make informed decisions and follow rules demonstrating the appropriate etiquette in their chosen activity.

Portfolio 40% of the marks

The portfolio will provide evidence of the process the learners have gone through in performance development.

This will assess their ability to integrate and apply knowledge, understanding and skills.

Evidence needs to be collected by the learners throughout the course. This can be presented in the form of:

Log book, diary, records and video.

DEPARTMENT - Physical Education

Courses Offered: Higher Games and Higher Aesthetics

Course Content:

The Course has two mandatory Units:

Physical Education: Performance Skills (Higher)

In this Unit, learners will develop a broad and comprehensive range of complex movement and performance skills through a range of physical activities. They will select, demonstrate, apply and adapt these skills, and will use them to make informed decisions. They will also develop their knowledge and understanding of how these skills combine to produce effective outcomes. Learners will develop consistency, precision, control and fluency of movement. They will also learn how to respond to and meet the demands of performance in a safe and effective way. The Unit offers opportunities for personalisation and choice through the selection of physical activities used for learning and teaching.

Physical Education: Factors Impacting on Performance (Higher)

In this Unit, learners will develop their knowledge and understanding of the factors that impact on personal performance in physical activities. Learners will consider how mental, emotional, social, and physical factors can influence effectiveness in performance. They will develop knowledge and understanding of a range of approaches for enhancing performance and will select and apply these two factors that impact on their personal performance. They will create development plans, modify these and justify decisions relating to future personal development needs.

Assessment:

Course assessment

The Course assessment will consist of two Components, a performance and a question paper.

Component 1 — performance

The purpose of this performance is to assess the learner's ability to plan, prepare for, effectively perform and evaluate personal performance in **one** physical activity.

Learners will have to demonstrate the following skills,

Knowledge and understanding:

Select, demonstrate and safely apply a broad and comprehensive range of complex movement and performance skills in challenging contexts

Demonstrate a range of approaches for developing or refining skills, fitness and performance composition/tactics

Plan, develop and implement skills and strategies safely in a range of performance situations

Component 2 — question paper

The purpose of this question paper is to assess the learner's ability to integrate and apply knowledge and understanding from across the Units. It is designed to assess applied knowledge, understanding and evaluation skills.

DEPARTMENT - Physical Education

Courses Offered: **Advanced Higher**

Course Content:

The Course has two mandatory Units:

Physical Education: Performance Skills (Advanced Higher)

In this Unit, learners will develop a broad and comprehensive range of complex movement and performance skills through a range of physical activities. They will select, demonstrate, apply and adapt these skills, and will use them to make informed decisions. They will also develop their knowledge and understanding of how these skills combine to produce effective outcomes. Learners will develop consistency, precision, control and fluency of movement. They will also learn how to respond to and meet the demands of performance in a safe and effective way. The Unit offers opportunities for personalisation and choice through the selection of physical activities used for learning and teaching.

Physical Education: Factors Impacting on Performance (Advanced Higher)

In this Unit, learners will develop their knowledge and understanding of the factors that impact on personal performance in physical activities. Learners will consider how mental, emotional, social, and physical factors can influence effectiveness in performance. They will develop knowledge and understanding of a range of approaches for enhancing performance and will select and apply these two factors that impact on their personal performance. They will create development plans, modify these and justify decisions relating to future personal development needs.

Assessment:

Course assessment

The Course assessment will consist of two Components, a performance and a question paper.

Component 1 — performance

The purpose of this performance is to assess the learner's ability to plan, prepare for, effectively perform and evaluate personal performance in one physical activity.

Learners will have to demonstrate the following skills,

Knowledge and understanding:

Select, demonstrate and safely apply a broad and comprehensive range of complex movement and performance skills in challenging contexts

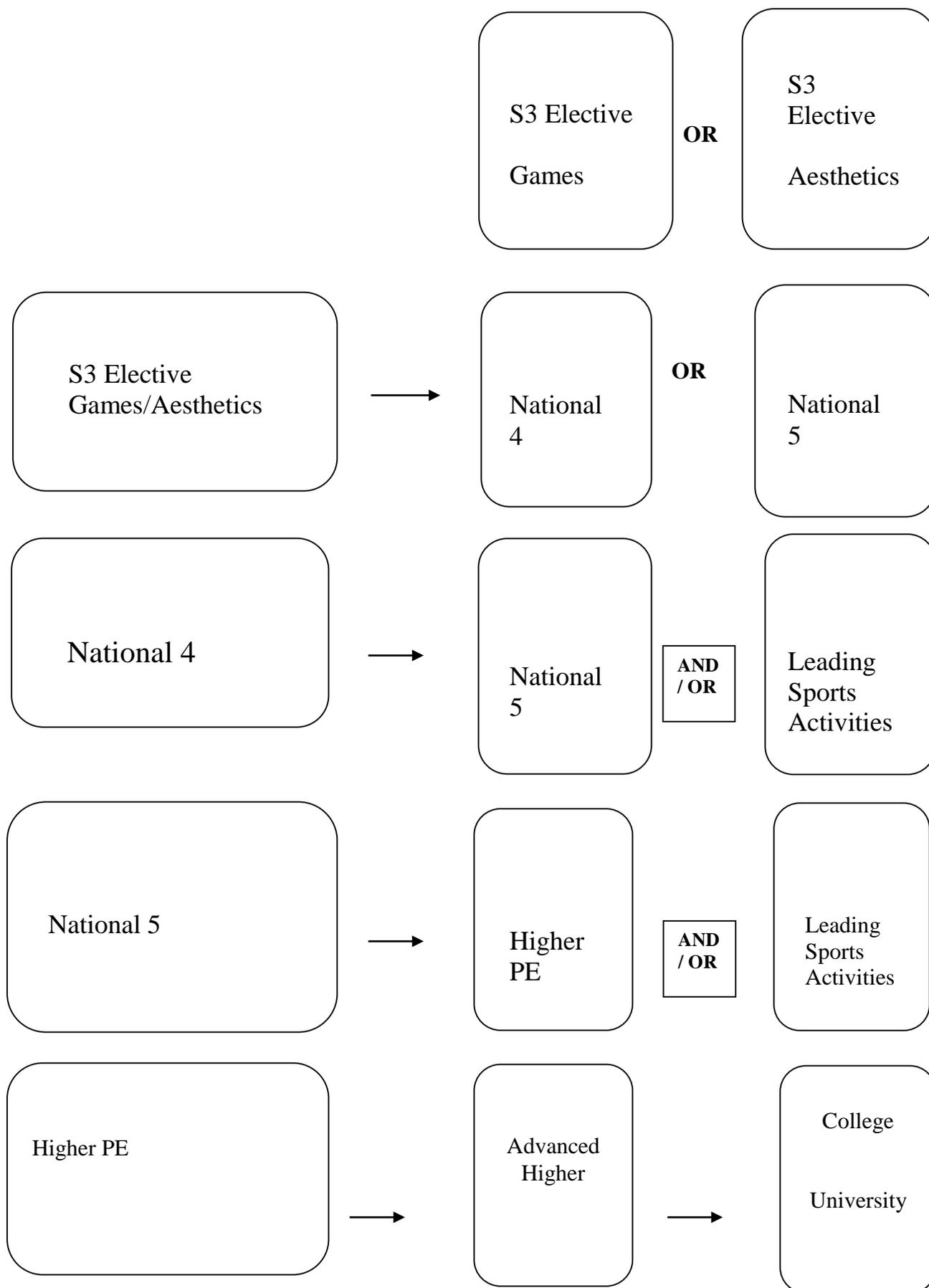
Demonstrate a range of approaches for developing or refining skills, fitness and performance composition/tactics

Plan, develop and implement skills and strategies safely in a range of performance situations

Component 2 — question paper

The purpose of this question paper is to assess the learner's ability to integrate and apply knowledge and understanding from across the Units. It is designed to assess applied knowledge, understanding and evaluation skills.

PROGRESSION -Physical Education



DEPARTMENT - Leading Sports Activities

Courses Offered:

Leading Sports Activities

Course Content:

LEADING SPORTS ACTIVITIES will be split into 3 units,

- Teamwork through Sport and Recreation
- Human Anatomy, Physiology and Physical Activity
- Fitness and exercise training methods
- All units will involve practical performance in a variety of activities. Students will work regularly on communication, leadership and organisational skills, as well as developing knowledge of the human body and how to improve fitness.

Assessment:

All units have 3 Outcomes which will be internally assessed; this will be done within a practical context and through the use of written work.

Students will study 3 standalone Units, which are part of the National Certificate Qualification in Sport and Fitness

DEPARTMENT - PHYSICS

Courses Offered:

National 4 Physics
National 5 Physics

Course Content:

Electricity & Energy	Waves & Radiation	Dynamics & Space
Conservation of energy Electrical charges and fields Potential difference Practical electronics Ohm's Law Electrical power Specific heat capacity Gas laws & kinetic model	Wave behaviour Electromagnetic spectrum Light Nuclear radiation	Velocity & displacement Vectors & scalars Velocity-time graphs Acceleration Newton's Laws Projectile motion Space exploration Cosmology

Assessment:

<i>Assessment</i>	<i>National 4</i>	<i>National 5</i>
<i>Unit Assessment</i>	For each unit there will be an investigation report, a research task, and a written test.	
<i>Added Value</i>	Open-book assessment: present the results of investigating a topical issue in Physics and its impact on society / the environment.	Open-book assessment: present the results of investigating a topical issue in Physics and its impact on society / the environment. 20% of final grade.
<i>SQA Exam</i>	No exam	Exam = 80% of final grade
<i>Grading</i>	Pass / Fail	A - D

Additional Information:

GLOW:
The department is now making extensive use of GLOW to deliver course notes, information, homework, weblinks and much more. The OneNote app within GLOW has been used this year for homeworks and assessment.

Career Paths:
Physics can lead to a wide range of apprenticeships, jobs, courses at college and university. All types of engineering (Civil, Structural, Surveyor, Sound, Electronic, Mechanical), medical careers (Dentist, Optician, Pharmacist, Technicians) and many others from car mechanic to computer games designer!

DEPARTMENT: PHYSICS

Courses Offered:

Higher Physics
Advanced Higher Physics

Course Content:

Higher Physics

Our Dynamic Universe
Particles and Waves
Electricity
Researching Physics

Advanced Higher Physics

Rotational Motion & Astrophysics
Quanta & Waves
Electromagnetism
Investigating Physics

Assessment:

Higher Physics

Unit Assessment

3 'content' units: Electricity, Particles & Waves, Our Dynamic Universe.

Each unit will have a practical experiment report and a written test (covering Knowledge & Understanding and Problem-Solving).

Researching Physics unit: assessing research and practical skills.

Course Assessment

Assignment Report (20 marks)

Final exam (100 marks)

Multiple choice (20 marks)

Written questions (80 marks)

Grading

Graded A – D

Advanced Higher Physics

Unit Assessment

3 'content' units: Rotational Motion & Astrophysics, Quanta & Waves, and Electromagnetism.

Each unit will have a practical experiment report and a written test (covering Knowledge & Understanding and Problem-Solving).

Investigating Physics unit: assessing advanced planning and practical skills.

Course Assessment

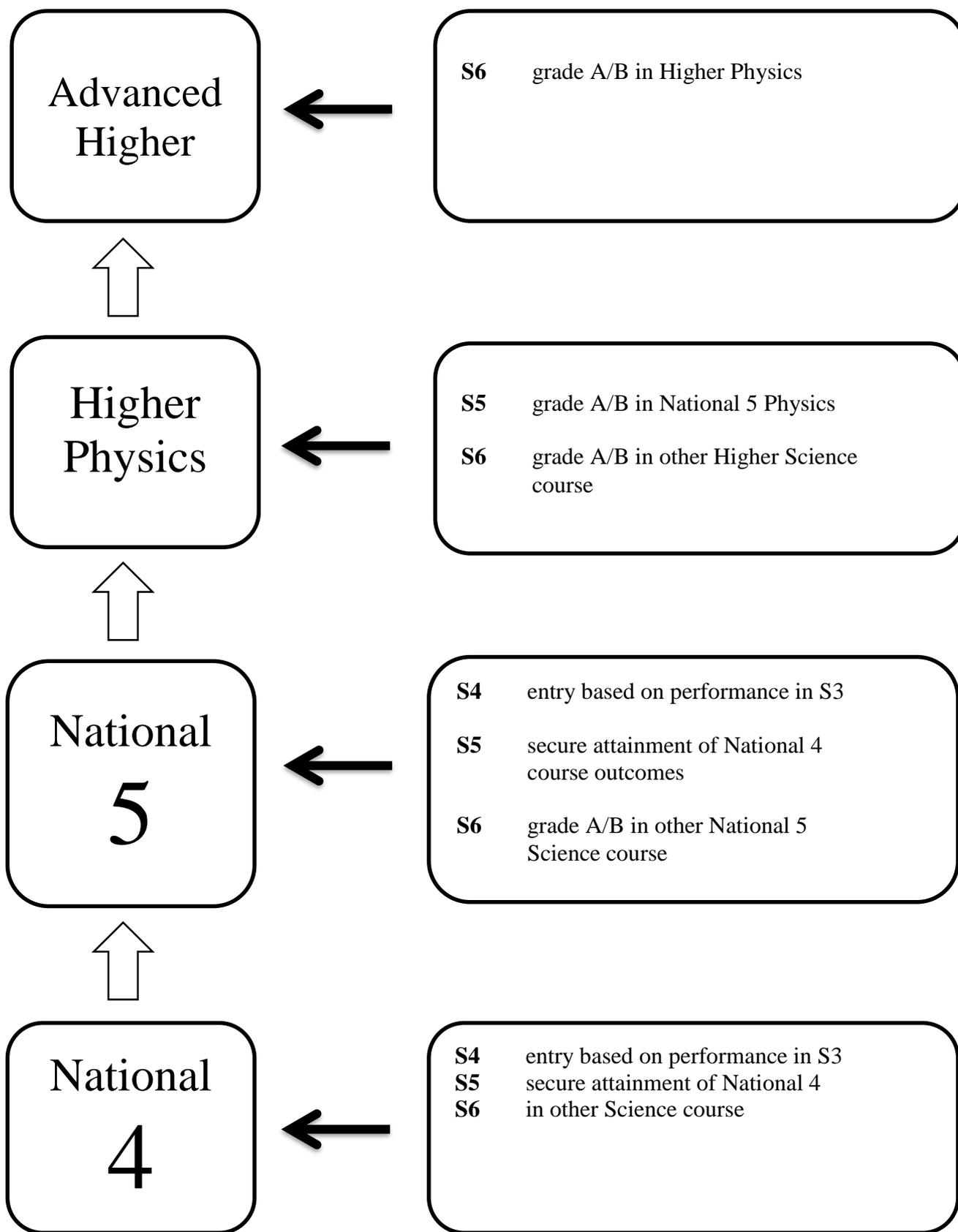
Project Report (30 marks)

Final exam (100 marks)

Grading

Graded A – D

PROGRESSION - Physics



DEPARTMENT - RMPS

Courses Offered:

National 4 RMPS
National 5 RMPS

Course Content:

Both National 4 & National 5 consist of four course units:

World Religion – Sikhism - Pupils will study beliefs and practises of Sikhism and consider how these impact upon the world today, such as justice, equality, selfless service and the 5 Ks.

Morality and Belief - Religion, medicine and the human body - Pupils will study different perspectives on life and death, such as the sanctity of life, and the right to die. We will discuss and debate issues relating to euthanasia and the treatment of embryos (**Euthanasia, IVF & Stem Cell Research**).

Religious and Philosophical Questions – The problem of evil and suffering - In this unit we will discuss different views, such as the Christian and Sikh view of why evil and suffering exists in the world. We will also explore the concept of free will. We will explore questions such as: **Are we free? If God is good, then why do people suffer?**

The RMPS Assignment

Pupils will choose a religious, moral or philosophical issue for study and complete an assignment on their chosen issue. For example: **Should abortion be available to anyone who wants it? Is it ever right to end a human life? How might a Buddhist response to an earthquake compare to a Christian response? If God is good, why do people suffer?**

Assessment:

National 4 RMPS - Assessment of National 4 RMPS is based on units completed in school. There are 4 units, including an assignment. Learners must pass all of the course units in order to gain the award. National 4 Courses are not graded; pupils will either pass or fail.

National 5 RMPS - National 5 RMPS candidates must pass Unit Outcomes for 3 units to be eligible to sit the final Exam. The course is then assessed by an SQA exam question paper (60 marks) and a school based 4th unit- an assignment (20 marks).

Additional Information:

The National 4 & National 5 Religious, Moral & Philosophical courses should not be confused with the Core RME course. Every pupil receives 1 period of Core RME as part of the national core requirements.

DEPARTMENT - RMPS (Religious, Moral & Philosophical Studies)

Courses Offered:

Religious, Moral and Philosophical Studies

Higher, Advanced Higher

Course Content:

Higher RMPS

One World Religion – **Buddhism**

Morality & Belief – **(1) Philosophy (2) Religions, Medicine & the Human Body.**
(Medical Ethics – Genetic Engineering & Euthanasia)

The Origins of the Universe – Science vs Religion – Are belief in God and science compatible?

Advanced Higher RMPS

Philosophy of Religion & Medical Ethics (Abortion, Euthanasia, Genetic Engineering)

Assessment:

Higher - Higher candidates must pass all Unit Outcomes to be eligible to sit the final exam. The course is then graded by an examination paper and an assignment (SQA exam question paper 60 marks, school based assignment 30 marks). .

Advanced Higher – Advanced Higher pupils must pass all Unit Outcomes to be eligible to sit the final exam. The exam at Advanced Higher level consists of 1 paper with questions relating to Philosophy of Religion & Medical Ethics.

Advanced Higher pupils must also complete a personal research topic (4,000 word dissertation). The candidate's grade is based on the course examination paper and their research project.

Additional Information:

Entry Requirements:

Pupils considering National 4 or National 5 RMPS will have hopefully chosen to study RMPS in S3. However, we also accept pupils who have studied RMPS at Core level only.

Pupils considering Higher RMPS will have hopefully gained a pass at National 5 RMPS or have an A or B level award in National 5 English/Social Subject.

Those considering Advanced Higher should have gained an A or B pass at Higher level RMPS.

DEPARTMENT - Support for Learning

Courses Offered:

SQA - EMPLOYABILITY AWARD – LEVEL 3 AND 4

Course Content:

2 Mandatory Units: Preparing for Employment: First Steps
Building Your Employability Skills

2 Optional Units: Responsibilities of Employment
Dealing with Work Situations

Additionally, there is also the opportunity to complete a Work Experience Unit and if candidates are interested, volunteering opportunities are available to work towards a Saltire Award.

Assessment:

Assessment is continual with candidates producing a portfolio of evidence and is internally assessed.

Additional Information:

These awards reflect the philosophy, principles and aims of the Senior Phase of Curriculum for Excellence and is designed to enable learners to develop confidence, and independent learning. Learners will also have the opportunity to participate in a range of new and familiar activities, enabling them to gain new skills and experience towards the world of work. Achievement of these Units is nationally recognised.

DEPARTMENT - Support for Learning

Courses Offered:

Literacy National 3, 4

Course Content:

Literacy and Employment skills

- a) Basic technical skills in Literacy including basic grammar and formal writing.
- b) Developing literacy skills relevant to working life i.e. writing memos, emails, letters, reviews
- c) Developing ICT skills in a work related environment
- d) Interview preparation
- e) Promoting learner confidence in practical areas.
- f) Work related activities such as job applications; CV writing; recruitment, interview skills and college applications.
- g) Promoting confidence in public speaking

Assessment:

To achieve the Literacy qualification, candidates will undertake four different assessments throughout the year.

Assessment 1: Reading – selecting information, explaining and commenting on the effectiveness

Assessment 2: Listening – selecting, explaining and commenting

Assessment 3: Writing – selecting and organising information, using basic literacy skills

Assessment 4: Talking – selecting and organising verbal communication appropriate to audience

Additional Information:

This course is assessed internally throughout the year and will result in an SQA qualification.

DEPARTMENT - Support For Learning

Courses Offered:

SQA PERSONAL DEVELOPMENT AWARDS Level 2-6

Course Content:

The following Units are available either as a complete award, in which case the 4 Units are mandatory or as free-standing units:

Self-Awareness
Self in the Community
Self and Work
Practical Abilities

Examples of projects completed : volunteering at a Care Home and Maggie's Centre, Fundraising, Designing T-Shirts, Health and Wellbeing, Peer Support.

A Saltire Award is available for any volunteering completed.

Assessment:

All candidates are required to complete a folio of evidence for each unit and this is internally assessed

Additional Information:

These Awards are part of the Wider Achievement qualifications and are designed to recognise the skills needed to get ahead successfully in today's world. The PDAs aim to help learners become employable, contributing and independent members of society through the development of transferable life skills. They also meet the principles of Curriculum for Excellence.

DEPARTMENT - Support for Learning

Courses Offered:

SQA - Personal Achievement Awards – Bronze, Silver, Gold

Course Content:

***Developing Independence:**

Having your say
Healthy Eating
Hobbies and Interests
Looking after Animals
Looking after your Home
Performing Arts
Personal Health
Personal Presentation
Personal Relationships
Safety and Security

***Taking Part in the Community:**

Community Activity
Eco-Awareness
Enterprise
Exploring a local Area
Financial Awareness
Fundraising
Promoting Health
Social Events
Travel in the Community

Pupils, after discussion with their teacher, will select ONE unit from each column*.

Assessment:

Learners progress through the Stages of Bronze, Silver and Gold, building on their achievements at each stage. Units are internally assessed.

Additional Information:

The *Personal Achievement Award* reflects the philosophy, principles and aims of Senior Phase of Curriculum for Excellence, and is designed to enable learners to develop confidence, to develop their independence, and their ability to communicate and respond to others in their own way. Learners will also have the opportunity to participate in a range of new and familiar activities, and to experience and contribute to their community across a range of social contexts. Achievement of this qualification is nationally recognised.

DEPARTMENT –Technical Education (DESIGN&MANUFACTURE)

Courses Offered:

National 4, National 5, National 6 (Higher) Design and Manufacture

Progression

In S3 pupils studying within the Technical department experienced a modular course that exposed them to the 4 different disciplines within the department, one of which is Design and Manufacture. Selecting this subject beyond S3 involves greater specialisation and progression from either N4 or N5 in S4 to either N5 or N6 (higher) in S5 and S6. Progression to advanced higher in S6 is dependent on success at higher in S5.

Course Aims:

The aims of the Course are to enable learners to develop:

- skills in the design and manufacturing of models, prototypes and products
- knowledge and understanding of manufacturing processes and materials and understanding of the impact of design and manufacturing technologies on our environment and society

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseSpec_N4_Technologies_DesignandManufacture.pdf

http://www.sqa.org.uk/files_ccc/CfE_CourseSpec_N5_Technologies_DesignandManufacture.pdf

http://www.sqa.org.uk/files_ccc/CfE_CourseSpecification_Higher_Technologies_DesignandManufacture.pdf

Assessment:

National 4

Mandatory Units:

- Design (National 4)
- Materials and Manufacturing (National 4)

Added Value Unit:

- Design and Manufacture Assignment (National 4)

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseUnitSupportNotes_N4_Technologies_DesignandManufacture.pdf

(In certain circumstances some pupils may be presented at National 3)

National 5**Mandatory Units:**

- Design (National 5)
- Materials and Manufacturing (National 5)

Added Value Unit:

- Assignment (National 5) and External Examination

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseAssessSpec_N5_Technologies_DesignandManufacture.pdf

National 6 (Higher)**Mandatory Units:**

- Design (National 6)
- Materials and Manufacturing (National 6)

Added Value Unit:

- Assignment (National 6) and External Examination

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseAssessSpec_Higher_Technologies_DesignandManufacture.pdf

DEPARTMENT –Technical Education (Engineering Science)

Courses Offered:

National 4, National 5, National 6 (Higher) Engineering Science

Progression

In S3 pupils studying within the Technical department experienced a modular course that exposed them to the 4 different disciplines within the department, one of which is Engineering Science. Selecting this subject beyond S3 involves greater specialisation and progression from either N4 or N5 in S4 to either N5 or N6 (higher) in S5 and S6.

Course Aims:

The aims of the Course are to enable learners to:

- apply knowledge and understanding of key engineering facts and ideas
- understand the relationships between engineering, mathematics and science
- apply skills in analysis, design, construction and evaluation to a range of engineering problems
- communicate engineering concepts clearly and concisely, using appropriate terminology
- develop an understanding of the role and impact of engineering in changing and influencing our environment and society

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseSpec_N4_Technologies_EngineeringScience.pdf

http://www.sqa.org.uk/files_ccc/CfE_CourseSpec_N5_Technologies_EngineeringScience.pdf

http://www.sqa.org.uk/files_ccc/CfE_CourseSpecification_Higher_Technologies_EngineeringScience.pdf

Assessment:

National 4

Mandatory Units:

- Engineering Contexts and Challenges (National 4)
- Electronics and Control (National 4)
- Mechanisms and Structures (National 4)

Added Value Unit:

- Engineering Science Assignment (National 4)
http://www.sqa.org.uk/files_ccc/CfE_CourseUnitSupportNotes_N4_Technologies_EngineeringScience.pdf

(In certain circumstances some pupils may be presented at National 3)

National 5

Mandatory Units:

- Engineering Contexts and Challenges (National 5)
- Electronics and Control (National 5)
- Mechanisms and Structures (National 5)

Added Value Unit:

- Added Value Unit: Engineering Science Assignment (National 5)
- External Exam (National 5)

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseUnitSupportNotes_N5_Technologies_EngineeringScience.pdf

National 6 (higher)

Mandatory Units:

- Engineering Contexts and Challenges (Higher/N6)
- Electronics and Control (Higher/N6)
- Mechanisms and Structures (Higher/N6)

Added Value Unit:

- Added Value Unit: Engineering Science Assignment (Higher/N6)
- External Exam (Higher/N6)

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseUnitSupportNotes_Higher_Technologies_EngineeringScience.pdf

DEPARTMENT –Technical Education (Graphic Communication)

Courses Offered:

National 4, National 5, National 6 (Higher)

Progression

In S3 pupils studying within the Technical department experienced a modular course that exposed them to the 4 different disciplines within the department, one of which is Graphic Communication. Selecting this subject beyond S3 involves greater specialisation and progression to either N4 or N5 in S4 and to either N5 or N6 (higher) in S5 and S6. Progression to Adv. Higher is dependent on success at Higher.

Course Aims:

The aims of the Course are to enable learners to:

- develop skills in graphic communication techniques, including the use of equipment, graphics materials and software
- extend and apply knowledge and understanding of graphic communication standards, protocols, and conventions where these apply
- develop an understanding of the impact of graphic communication technologies on our environment and society

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseSpec_N4_Technologies_GraphicCommunication.pdf

http://www.sqa.org.uk/files_ccc/CfE_CourseSpec_N5_Technologies_GraphicCommunication.pdf

Assessment:

National 4

Mandatory Units:

- 2D Graphic Communication (National 4)
- 3D and Pictorial Graphic Communication (National 4)

Added Value Unit:

- Graphic Communication Assignment (National 4)

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseUnitSupportNotes_N4_Technologies_GraphicCommunication.pdf

(In certain circumstances some pupils may be presented at National 3)

National 5

Mandatory Units:

- 2D Graphic Communication (National 5)
- 3D and Pictorial Graphic Communication (National 5)

Added Value Unit:

- Graphic Communication Assignment (National 5).
- External Examination

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseAssessSpec_N5_Technologies_GraphicCommunication.pdf

National 6 (higher)

Mandatory Units:

- 2D Graphic Communication(National 6)
- 3D and Pictorial Graphic Communication (National 6)

Added Value Unit:

- Assignment (National 6)
- External Examination

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseSpecification_Higher_Technologies_GraphicCommunication.pdf

DEPARTMENT –Technical Education (Practical Metalworking)

Courses Offered:

National 4 and National 5

Progression

In S3 pupils studying within the Technical department experienced a modular course that exposed them to the 4 different disciplines within the department. Selecting this subject beyond S3 involves greater specialisation and progression to either National 4 or National 5. There is no Practical Metalworking course offered at National 6.

Course Aims:

The aims of the course are to enable learners to:

- Use a range of metalworking tools, equipment and materials safely and correctly for metalworking tasks with some complex features
- Adjust tools where necessary, following safe practices
- Read and interpret 1:1 drawings and diagrams in familiar and some unfamiliar contexts
- Measure and mark out metal sections and sheet materials in preparation for cutting and forming tasks with some complex features
- Develop practical creativity in the context of familiar metalworking tasks with some complex features
- Follow, with autonomy, given stages of a practical problem-solving approach to metalworking tasks
- Apply knowledge and understanding of safe working practices in a workshop environment
- Develop knowledge and understanding of the properties and uses of a range of metals and metalworking materials
- Develop knowledge and understanding of sustainability issues in a practical metalworking context

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseSpec_N4_Technologies_PracticalMetalworking.pdf

http://www.sqa.org.uk/files_ccc/CfE_CourseSpec_N5_Technologies_PracticalMetalworking.pdf

Assessment:

National 4

Mandatory Units:

Practical Metal Working: Bench skills (National 4)

Practical Metal Working: Machine Processes (National 4)

Practical Metal Working: Fabrication and Thermal Joining (National 4)

Added Value Unit:

Making a finished product from metal (National 4)

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseUnitSupportNotes_N4_Technologies_PracticalMetalworking.pdf

All units including the Added Value unit must be passed, in order to successfully complete the requirements of National 4.

(In certain circumstances some pupils may be presented at National 3)

Assessment:

National 5

Mandatory Units:

Practical Metal Working: Bench skills (National 5)

Practical Metal Working: Machine Processes (National 5)

Fabrication and Thermal Joining (National 5)

Added Value Unit:

Practical Metalworking: Practical Activity

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseUnitSupportNotes_N5_Technologies_PracticalMetalworking.pdf

All units including the Added Value unit (Practical Activity) must be passed, in order to successfully complete the requirements of National 5.

DEPARTMENT –Technical Education (Practical Woodworking)

Courses Offered:

National 4 and National 5

Progression

In S3 pupils studying within the Technical department experienced a modular course that exposed them to the 4 different disciplines within the department, one of which is Practical Woodworking. Selecting this subject beyond S3 involves greater specialisation and progression to either National 4 or National 5. There is no Practical Woodworking course offered at National 6.

Course Aims:

The aims of the Course are to enable learners to:

- Use, with guidance, a range of woodworking tools, equipment and materials safely and correctly.
- Read and interpret simple drawings and diagrams.
- Measure and mark out timber sections and sheet materials.
- Show practical creativity in the context of simple and familiar woodworking tasks.
- Show knowledge and understanding of safe working practices.
- Show knowledge of the basic properties and use of common woodworking materials.
- Show knowledge of sustainability issues in a practical woodworking context.

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseSpec_N4_Technologies_PracticalWoodworking.pdf

http://www.sqa.org.uk/files_ccc/CfE_CourseSpec_N5_Technologies_PracticalWoodworking.pdf

Assessment:

National 4

Mandatory Units:

Practical Woodworking: Flat-frame Construction (National 4)
Practical Woodworking: Carcase Construction (National 4)
Practical Woodworking: Machining and Finishing (National 4)

Added Value Unit:

Making a Finished Product from Wood (National 4)

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseUnitSupportNotes_N4_Technologies_PracticalWoodworking.pdf

All units including the Added Value unit must be passed, in order to successfully complete the requirements of National 4.

(In certain circumstances some pupils may be presented at National 3)

National 5

Mandatory Units:

Practical Woodworking: Flat-frame Construction (National 5)
Practical Woodworking: Carcase Construction (National 5)
Practical Woodworking: Machining and Finishing (National 5)

Added Value Unit:

Practical Woodworking: Practical Activity

For more information follow the link:

http://www.sqa.org.uk/files_ccc/CfE_CourseAssessSpec_N5_Technologies_PracticalWoodworking.pdf

All units including the Added Value unit (Practical Activity) must be passed, in order to successfully complete the requirements of National 5.

S3 into S4 COURSE CHOICE SHEET SESSION 2016 / 2017

Name: _____

Class: _____

NOTES

1. New S4 Pupils Must **CIRCLE ONE** course from each column, All courses are National 4 or 5 unless otherwise stated.
2. Courses will only run if viable.
3. **S4 Core subjects will be 2 periods of PE, 1 period of SE and 1 period of RMPS, These are delivered in Addition to the 6 choices.**

COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN G	COLUMN H
Accounting Biology Chemistry French History Hospitality N4 Literacy Media N5 Music Technology NPA Cyber Security Physical Education Physics Practical Woodwork RMPS Spanish	Admin & IT Art Biology Business Management Chemistry Computing science Dance and Aesthetics Design & Manufacture Early Education & Childcare Languages for Life & Work Literacy Geography German Music Practical Metalwork	Admin & IT Biology Engineering Science German Geography Health & Food Tech History Music Modern Studies Personal Finance Physical Education Physics Practical Metalwork Spanish Travel and Tourism Personal Achievement Award	Art Business Management Chemistry Computing Science Creative Industries N5 ESOL Fashion & Textile French Graphic Communication Spanish Modern Studies Physical Education RMPS Personal Development Award Practical Woodwork	English Lifeskills Maths	English Lifeskills Maths

IF interested in a subject via the senior phase college course options please leave one column from A-D blank and Tick Here

PLEASE ENSURE FORM IS RETURNED VIA REGISTRATION / TUTOR TEACHER BY: **26th Feb 2016**
LATE RETURN MAY ADVERSELY AFFECT YOUR COURSE CHOICE.

Pupil's Signature _____

Date _____

For Office Use Only:

Office Received: _____

Course Choice Entered By: _____ **Date:** _____

S4 into S5 COURSE CHOICE SHEET SESSION 2016 / 2017

Name: _____

Class: _____

NOTES

1. New S5 pupils Must **CIRCLE ONE** course from each column, All courses are National/Higher level unless otherwise stated.
2. Courses will only run if viable.
3. **Core subjects will run in Column F comprising of 2 periods of PE, 1 period SE / RMPS.**

COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F
Accounting	Art	Admin & IT	Art	Admin & IT	
Biology	Computing Science	Chemistry	Biology	Art	
Design & Manufacture H	Dance and Aesthetics	Employability	Business Management H	Biology	
English	Design & Manufacture N5	Engineering Science N5	Chemistry H	Business Management N5	
French	Early Education & Childcare	English	Creative Industries N5	Chemistry	
Human Biology H	Geography	Human Biology H	ESOL	German	
Media N5	Languages for life & work	Health & Food Tech	French	Graphic Communication H	
Music Technology	Leading Sports	History H	Graphic Communication N5	History	
NPA Cyber Security	Lifeskills	Music	Hospitality N5	Human Biology H	
Physical Education	Maths	Music Technology	Lifeskills	Modern Studies	
Physics	Music	Geography	Maths	Physics	
Practical Woodwork	Modern Studies	Practical Metalwork	Practical Woodwork	Practical Cake Craft	
RMPS H	Practical Metalwork	German	Physical Education	Engineering Science H	
Spanish	RMPS N5	Spanish	Computing Science		
		Travel & Tourism			

IF interested in a subject via the senior phase college course options please leave one column blank and Tick Here

I intend leaving school in May 2016.

(Please tick this box and make no further selections)

PLEASE ENSURE FORM IS RETURNED VIA REGISTRATION / TUTOR TEACHER BY: **4th March 2016**
LATE RETURN MAY ADVERSELY AFFECT YOUR COURSE CHOICE.

Pupil's Signature _____

Date _____

For Office Use Only:

Office Received: _____

Course Choice Entered By: _____ **Date:** _____

S5 into S6 COURSE CHOICE SHEET SESSION 2016 / 2017

Name: _____

Class: _____

NOTES

1. New S6 pupils Must CIRCLE **ONE subject** from at least four columns, Three Subjects can be chosen **ONLY** if they are all at Advanced Higher – see next sheet
2. Courses will run at National/Higher level unless otherwise stated.
3. Courses will only run if viable.
4. **Core subjects will run in Column E comprising of 2 periods of PE, 1 period SE / RMPS.**

COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F
Accounting Biology Chemistry Design & Manufacture H English Human Biology H Media N5 Music Technology NPA Cyber Security Physical Education Physics Photography H Practical Woodwork RMPS H Spanish	Art Biology Computing Science Dance and Aesthetics Design & Manufacture N5 Early Education & Childcare Geography Languages for life & work Leading sports Lifeskills Maths Music Modern Studies Practical Metalwork RMPS N5	Admin & IT Chemistry Employability Engineering Science N5 English Human Biology H Health & Food Technolgy History H Music Music Technology Geography Practical Metalwork German Spanish Travel &Tourism	Art Business Management H Chemistry Creative Industries N5 ESOL French Graphic Communication N5 Hospitality N5 Lifeskills Maths Practical Woodwork Physical Education Computing Science Fashion & Textile Engineering Science H		Admin & IT Art Biology Business Management N5 Computer Science Chemistry French Human Biology H Media H Practical Cake Craft Practical Woodwork Physics

IF interested in a subject via the senior phase college course options please leave one column blank and Tick Here

I intend leaving school in May 2016.

(Please tick this box and make no further selections)

PLEASE ENSURE FORM IS RETURNED VIA REGISTRATION / TUTOR TEACHER BY: **4th March 2016**
LATE RETURN MAY ADVERSELY AFFECT YOUR COURSE CHOICE.

Pupil's Signature _____

Date _____

For Office Use Only:

Office Received: _____

Course Choice Entered By: _____ **Date:** _____

S5 into S6 ADVANCED HIGHER COURSE CHOICE SHEET 2016 / 17

Pupil's Name: _____ **Class:** _____

Notes:

If you are interested in following Advanced Higher:

1. You may study up to 3 Advanced Highers. Circle your choices in the columns provided but **PLEASE NOTE** courses will only run if viable.
2. **DUNDEE CITY CAMPUS**

Please note that not all Advanced Highers will be taught in school. Given the size of Harris Academy most of these subjects will be taught within the school, however, you should be aware that some may only be offered through the central City Campus, if at all..

COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN F
Computing Science German History	Art Chemistry English	French Physics Physical Education RMPS	Biology Geography Music	H & F Technology Spanish Maths Modern Studies

PLEASE ENSURE FORM IS RETURNED VIA REGISTRATION / TUTOR TEACHER BY: **4th March 2016**
LATE RETURN MAY ADVERSELY AFFECT YOUR COURSE CHOICE

Pupil's Signature _____ Date _____

For Office Use Only:

Office Received: _____ **Course Choice Entered By:** _____ **Date:** _____