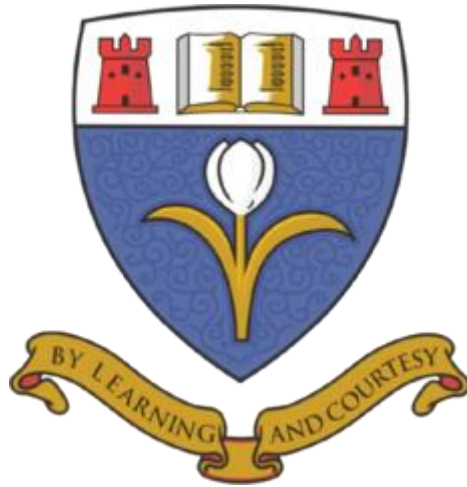


HARLAW ACADEMY



S3&4 COURSE CHOICE

SESSION 2022-23

SENIOR PUPIL CHOICES: INTRODUCTION

You will have heard the years S4-S6 referred to as the “Senior Phase”. It is a time when pupils begin to focus more narrowly on their individual learning pathway focussing on perhaps a chosen career aspiration or the subjects they enjoy most.

As a school we are very keen to ensure that during their senior phase pupils gain a range of qualifications, skills, experiences and opportunities which will help them to engage in the process of learning both in school and into later life as well.

Senior Phase qualifications are demanding. To achieve the highest levels of success, pupils require commitment from the start; they will be involved in on-going assessment; independent study; and consistently high levels of class work. It requires pupils to demonstrate the motivation needed to meet strict deadlines. Maintaining good attendance and punctuality is also crucial.

As a Country, the next ten years will be crucial for young adults. On leaving school, the circumstances they face are unprecedented. With that in mind, we have a range of other opportunities on offer both within the choice booklet and in wider aspects of the senior phase. These include Duke of Edinburgh, Saltire, other Leadership Awards, volunteering and community involvement, placements and courses at other schools. It can appear complex but teachers, guidance staff and the careers advisor can all offer advice and support.

We need learners and families to think deeply about their choices and the individual learner pathway needed for each pupil to reach their chosen positive destination.

I look forward to meeting you, even virtually, at our course choice meeting to discuss the choice process and support available.

Ross McLaren
Headteacher



From the UNCRC:

Article 12 (respect for the views of the child)

Every child has the right to express their views, feelings and wishes in all matters affecting them, and to have their views considered and taken seriously. This right applies at all times, for example during immigration proceedings, housing decisions or the child's day-to-day home life.

Article 13 (freedom of expression)

Every child must be free to express their thoughts and opinions and to access all kinds of information, as long as it is within the law.

Article 28 (right to education)

Every child has the right to an education. Primary education must be free and different forms of secondary education must be available to every child. Discipline in schools must respect children's dignity and their rights. Richer countries must help poorer countries achieve this.

Article 29 (goals of education)

Education must develop every child's personality, talents and abilities to the full. It must encourage the child's respect for human rights, as well as respect for their parents, their own and other cultures, and the environment.




QUALIFICATION TYPES

Before making any choices, it is important to understand the different types of qualifications on offer at Harlaw Academy and the Scottish Credit and Qualification Framework (SCQF). The SCQF is Scotland's national qualifications framework.

THE SCOTTISH CREDIT AND QUALIFICATIONS FRAMEWORK

This Framework diagram has been produced to show the mainstream Scottish qualifications already credit rated by SQA and HEIs. However, there are a diverse number of learning programmes on the Framework, which, due to the limitations of this format, cannot be represented here. For more information, please visit the SCQF website at www.scqf.org.uk to view the interactive version of the Framework or search the Database.



SCQF Levels	SQA Qualifications		Qualifications of Higher Education Institutions	SVQs/MAs
12			Doctoral Degree	Professional Apprenticeship
11			Masters Degree, Integrated Masters Degree, Post Graduate Diploma, Post Graduate Certificate	Professional Apprenticeship SVQ 5
10			Honours Degree, Graduate Diploma, Graduate Certificate	Professional Apprenticeship
9		Professional Development Award	Bachelors / Ordinary Degree, Graduate Diploma, Graduate Certificate	Technical Apprenticeship SVQ 4
8		Higher National Diploma	Diploma Of Higher Education	Technical Apprenticeship SVQ 4
7	Advanced Higher, Awards, Scottish Baccalaureate	Higher National Certificate	Certificate Of Higher Education	Modern Apprenticeship SVQ 3
6	Higher, Awards, Skills for Work Higher			Modern Apprenticeship Foundation Apprenticeship SVQ 3
5	National 5, Awards, Skills for Work National 5			Modern Apprenticeship SVQ 2
4	National 4, Awards, Skills for Work National 4	National Certificate	National Progression Award	SVQ 1
3	National 3, Awards, Skills for Work National 3			
2	National 2, Awards			
1	National 1, Awards			


Each qualification is allocated a level and number of credit points issued by the SCQF. This is a way of comparing Scottish qualifications. The level of qualification shows how difficult the learning is. The credit points show how much learning time is involved achieving the qualification. Each credit point represents an average of 10 hours of learning.

SCQF can help:

- decide how you progress in your learning
- understand qualifications you are not familiar with
- employers understand different types of qualifications and help development of employees skills
- colleges and universities identify the level that has been studied in a particular subject and make it easier to transfer credit points between different learning programmes
- provide recognition for other areas of your learning that may contribute to your personal development and your future goals.

There are 12 levels of SCQF qualifications. At school we focus on levels 1-7.

The full framework with credit point information can be accessed at: <https://scqf.org.uk/interactive-framework/>



Level	Qualifications available at School Level
7	Advanced Higher, SQA Award
6	Higher, Modern Apprenticeships, National Progression Awards, SQA Award
5	National 5, National Progression Awards, SQA Award
4	National 4, National Progression Awards, SQA Award
3	National 3, National Progression Awards, SQA Award
2	National 2, National Progression Awards, SQA Award
1	National 1, SQA Award

Types of Award Courses on Offer at Harlaw Academy

- **National Courses**

The purpose of National Courses is to enable certification and recognition for the programmes of work that learners carry out in the senior phase of secondary education. The broad objectives of National Courses are to provide high standards, and breadth and depth of learning for individual learners. National Courses provide a qualifications framework which enables the provision of a formal statement of a learner's achievement against a defined standard. They are a marketable qualification for progression into further study, training and employment.

National courses are at SCQF Levels 1-7

- **National Progression Awards (NPAs)**

National Progression Awards (NPAs) are aimed at assessing a defined set of skills and knowledge in specialist vocational areas. NPAs link to National Occupational Standards, which are the basis of SVQs (Scottish Vocational Qualifications).

National Progression Awards (NPAs) are available in a variety of sectors, from Construction and Childcare to areas such as Digital Literacy and Social Software.

NPAs are offered from SCQF Levels 2 to 6 and are delivered in schools, colleges and employers.

- **SQA Awards**

SQA Awards are designed to recognise Wider Achievement and the development of skills which will help learners to succeed in today's world. Wider Achievement recognises the life and work skills that come from a wide range of activities which can

include sport, mentoring, voluntary work or fundraising activities. These awards are suitable for a broad range of learners.

SQA Awards are offered from SCQF levels 1 to 6.

HOW TO MAKE YOUR CHOICES

Before making decisions about your course choice for next session, you can discuss this with a variety of sources within and out with the school. Guidance, advice and support can be sought from subject Principal Teachers, Course Teachers, Guidance Teacher, the Careers Adviser and your parents/carers. You should also give consideration to the following before making the final decision on your course choice:

- your ability/progress within subjects undertaken in previous years (refer to your Reports)
- your future career plans and aspirations
- your interest and enjoyment in the subject

COMPLETING THE COURSE CHOICE SHEET

- Read the course choice booklet carefully.
- Refer to your report so that you are aware of teacher recommendations.
- Seek advice and support as necessary from the sources mentioned above.
- Do not make final decisions before you have had your meeting with your Coursing Teacher.
- Complete the choice form by the deadline date.
- Pupils in S2 should **choose one subject from each column**. Subjects can only be chosen once.
- **Late submission** will result in your course requests being considered after that of other pupils.
- Pupils in S2 will also do Core PE, PSE and Core RE.
- Please note that you should consider your choice carefully. Pupils are expected to stick with the subjects they choose. There is very little scope to change course, and then only in exceptional circumstances.

VIABILITY OF COURSES

Every effort will be made to provide your preferences. However, low uptake, availability of staff and accommodation may prevent certain options from operating.

HARLAW ACADEMY CLASSES

Level 4 & 5 classes will be taught for 3/4 periods a week.

CONTENTS

English	8
Mathematics	12
Expressive Arts	16
Health and Well-Being	23
Languages	30
Science	33
Social Subjects	44
Technology	53
Wider Achievement	63

ENGLISH



careers using english

law
politics
acting
writing
civil service
film/tv editing
copy editing
speech therapy
administration
management
digital content editing

editing
teaching
marketing
journalism
broadcasting
clerical work
copywriting
film/tv production
classroom support
events management
information services

teaching
publishing
advertising
archive work
public relations
proofreading
librarianship
film/tv direction
travel and tourism
arts administration
digital marketing



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gateway

COURSE: English and Literacy

FACULTY: English and Literacy

LEVEL: National 4

DEPT: English

RECOMMENDED ENTRY LEVELS

Suitable for S4 pupils who have a pass at National 3, or for S3 pupils who are working at levels 2/3 in class.

COURSE DESCRIPTION

English: Analysis and Evaluation

Through the study of straightforward texts in the contexts of literature, language or media, learners will use their listening and reading skills to provide evidence of their ability to understand, analyse and evaluate, as appropriate to purpose and audience.

English: Creation and Production

Learners will be required to provide evidence of their talking and writing skills to create and produce straightforward texts in a chosen context. Learners will be required to demonstrate technical accuracy in written texts.

Literacy

Through a range of reading, listening, writing, and speaking tasks learners will provide evidence of their literacy skills.

ASSESSMENT

The course is assessed internally. Assessments will be variable in form and will allow learners to achieve the unit passes for each of the course's units. One important assessment is the Added Value Unit, where learners work on a context of their choosing to show their capabilities in reading, writing, talking and listening.

HOMEWORK

There will be a variety of homework tasks issued over the length of the course, ranging from reading or writing activities, to talk practice, to research. Learners will also be expected to undertake regular personal reading.

CAREER INFORMATION

This Course or its Units may provide progression to other qualifications in English (National 5) or related areas in school, OR further study elsewhere, or employment or training.

COURSE: English

FACULTY: English and Literacy

LEVEL: National 5

DEPT: English

RECOMMENDED ENTRY LEVELS

Suitable for S5/6 pupils who have a pass at National 4, or for S3/4 pupils who have been working at levels 3/4 in class in S3. This course is ideal for those pupils who wish to continue their study of literature and/or eventually go on to attempt Higher English. Pupils are advised to speak to their English teachers who will advise as to the best option here, taking into account the quality of work produced in previous years.

COURSE DESCRIPTION

Through the study of detailed texts in the contexts of literature, language or media, learners will use their listening and reading skills to provide evidence of their ability to understand, analyse and evaluate, as appropriate to purpose and audience. Learners will study at least one Scottish text.

Learners will be required to provide evidence of their talking and writing skills to create and produce detailed texts in a chosen context. Learners will be required to demonstrate technical accuracy in written texts.

ASSESSMENT

The course is assessed both internally and externally. External assessment consists of a Writing Portfolio, through which learners will demonstrate their writing skills, and an Examination, through which learners will demonstrate their reading and writing skills. The Internal Assessment is the Spoken Language component where learners are required to produce and respond to oral texts.

HOMEWORK

There will be a variety of homework tasks issued over the length of the course, ranging from reading or writing activities, to talk practice, to research. Learners will also be expected to undertake regular personal reading of a challenging and varied nature.

CAREER INFORMATION

This Course or its Units may provide progression to other qualifications in English (Higher) or related areas in school, or further study elsewhere, or employment or training.

COURSE: **Media**

FACULTY: **English and Literacy**

LEVEL: **S3**

DEPT: **English**

RECOMMENDED ENTRY LEVELS

Suitable for pupils working at level 2/3 or above in English.

COURSE DESCRIPTION

Analysing Media:

By studying television, film and online media texts, learners will develop their skills in media literacy. This involves understanding the role media plays in our lives and the different ways in which it can have an impact on us.

Creating Media:

Pupils will learn about media production and develop the skills to plan and create their own media texts, including short films, adverts and television shows.

ASSESSMENT

The course is assessed internally. Assessments - which include the media assignment - will be variable and will allow learners to achieve passes for each of the course's units. For pupils continuing with the course into S4, these passes can be used towards a qualification in Media.

HOMEWORK

There will be a variety of homework tasks issued over the length of the course. Learners will be asked to conduct research, study media texts from different sources, and make their own new pieces of media.

CAREER INFORMATION

This course may provide progression to other qualifications in Media (National 4 or 5) or related areas in school.

MATHEMATICS

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careers using mathematics

science
construction
accountancy
economics
pharmacy
engineering
retail and sales
air traffic control
industrial design
network management
transport and logistics

banking
statistics
insurance
actuarial work
bookkeeping
astronomy
management
architecture
sound technology
investment analysis
software development

buying
teaching
health sciences
administration
stockbroking
surveying
meteorology
cyber security
market research
medical technology
computer games design



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gateway

COURSE: **Mathematics**

FACULTY: **Mathematics & Numeracy**

LEVEL: **National 4**

DEPT: **Mathematics**

RECOMMENDED ENTRY LEVELS

Recommendation from teacher

COURSE DESCRIPTION

The National 4 Mathematics Course provides learners with opportunities to continue to acquire and develop the mathematical skills that are important for learning, life and work. Learners will be able to apply straightforward Numeracy, algebra, trigonometry, geometry and statistical skills.

The course comprises of 3 units; Expressions & Formulae, Relationships and Numeracy.

ASSESSMENT

Pupils must pass 3 Unit Assessments and an Added Value Assessment. The course is awarded on a Pass/Fail basis.

Upon completion of the course, pupils may also be given the opportunity to achieve National 5 Numeracy.

HOMEWORK

Pupils will be expected to complete a formal homework exercise for each topic. Regular independent revision is also essential.

CAREER INFORMATION

This course will help develop the numeracy skills that are essential for everyday life. Problem solving is a transferable skill that can be used in a number of areas of employment.

COURSE: **Mathematics**

FACULTY: **Mathematics & Numeracy**

LEVEL: **National 5**

DEPT: **Mathematics**

RECOMMENDED ENTRY LEVELS

Recommendation from teacher

COURSE DESCRIPTION

The National 5 Mathematics Course allows for the development of skills required to interpret and analyse information and solve problems. There is a particular focus on Numeracy, algebra, geometry, trigonometry and statistics.

ASSESSMENT

Pupils will be regularly assessed throughout the year in order to measure progress.

Upon completion of the course, pupils will sit a Course Assessment, comprising two papers (Non-Calculator and Calculator). This course is graded.

As part of the course, pupils will also be given the opportunity to achieve National 5 Numeracy.

HOMEWORK

Pupils will be expected to complete regular 'finishing-off' homework and a formal homework exercise for each topic. Regular independent revision is also essential.

CAREER INFORMATION

The course will be of relevance to pupils who wish to pursue a career in areas such as science, engineering, technology or finance. Analysis, logic and problem solving are transferable skills that can be used in a number of sectors.

COURSE: Applications of Mathematics

FACULTY: Mathematics & Numeracy

LEVEL: National 5

DEPT: Mathematics

RECOMMENDED ENTRY LEVELS

All pupils will start S3 on a Maths pathway working towards National 5 or National 4 in S4. Towards the end of S3, selected pupils will be directed on the Applications of Maths pathway.

COURSE DESCRIPTION

The National 5 Applications of Mathematics Course allows for the development of skills required to be able to handle information and mathematical tasks in real-life contexts. There is a particular focus on Numeracy, finance, geometry and statistics. The course differs from Mathematics in the reduced level of algebra and trigonometry.

ASSESSMENT

Pupils will be regularly assessed throughout the year in order to measure progress.

Upon completion of the course, pupils will sit a Course Assessment, comprising two papers (Non-Calculator and Calculator). This course is graded.

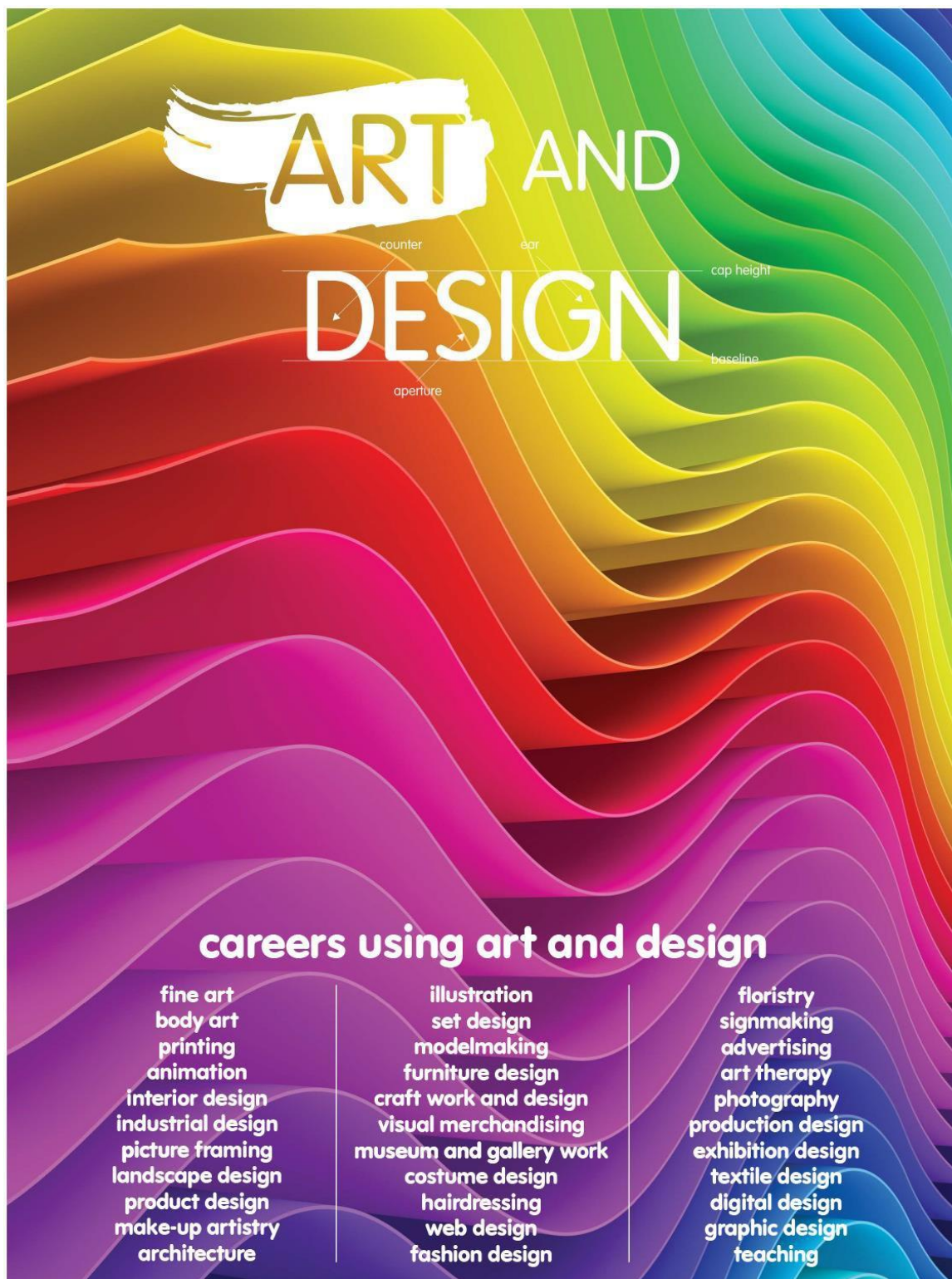
As part of the course, pupils will also be given the opportunity to achieve National 5 Numeracy.

HOMEWORK

Pupils will be expected to complete regular 'finishing-off' homework and formal homework exercises. Regular independent revision is also essential.

CAREER INFORMATION

The course will be of relevance to pupils who wish to pursue a career in areas of finance or data analysis. In many cases, Applications of Mathematics is accepted as an alternative to Mathematics for careers such as Primary teaching, social work or nursing. Analysis, logic and problem solving are transferable skills that can be used in a number of sectors



ART AND DESIGN

counter

ear

cap height

baseline

aperture

careers using art and design

fine art
body art
printing
animation
interior design
industrial design
picture framing
landscape design
product design
make-up artistry
architecture

illustration
set design
modelling
furniture design
craft work and design
visual merchandising
museum and gallery work
costume design
hairstyling
web design
fashion design

floristry
signmaking
advertising
art therapy
photography
production design
exhibition design
textile design
digital design
graphic design
teaching



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gateway

COURSE: **Art and Design**

FACULTY: **Expressive Arts**

LEVEL: **National 4/5**

DEPT: **Art & Design**

Selecting this course option in S3 will allow you to develop a folio designed to maximise your potential to complete BGE levels 3 and 4. You will also be building on the skills required for tackling the requirements of the National course described below. The focus of S3 will be in expanding the range of art materials you have access to, developing your understanding of the design process and building your understanding of how Artists and Designers create.

RECOMMENDED ENTRY LEVELS MOVING INTO S4

For National 4 – Level 3 in S3

For National 5 – Level 4 in S3

COURSE DESCRIPTION

Expressive: This mainly involves drawing, painting and printed work. Candidates will choose a topic such as still life, portraiture, figure composition or landscape and produce high quality observed drawings, colour studies, ideas sketches and original finished work.

Design: Students will negotiate their own design problem to investigate and solve using an extended Design Brief and the Design Process. Pupils are encouraged to investigate a product, relevant to their own experience.

Art & Design Studies: Students will produce a body of research based on artists and designers work from their specialist area of study e.g. still life painting, natural environment, product design, and graphic design.

ASSESSMENT

National 4 are internally assessed on a pass or fail basis.

National 5

Expressive Unit - a folio of work is completed in class and sent to SQA to be marked externally (100 marks)

Design Unit - a design project is completed in class during the session and sent to SQA to be marked externally (100 marks)

Art & Design Studies - a one hour written examination is sent to SQA and marked externally (50 marks)

HOMEWORK

Written homework including Exam Paper practice questions will be issued to support the teaching of the Art and Design Studies area. An additional commitment and willingness to work out with class timetabled time e.g. study periods, lunchtime, after school, at home will be expected during the course of the year in order to complete Practical and Written Folio deadlines and ensure a high standard of finished work.

CAREER INFORMATION

Essential as part of an entry to FE College courses in Art & Design requiring a portfolio of art work. There are many fields of study where training in Art & Design is needed: map making; technical illustrations; book illustration; cartoons; natural history illustration; fashion design; architecture; packaging design; animation; graphic design; product design; interior design; textile design; and fine art.

DRAMA

careers using drama

acting
directing
broadcasting
drama therapy
studio management
theatre production
tv and radio presenting

writing
stunt work
drama facilitation
film and tv production
lighting technology
drama coaching
entertainment

teaching
set design
arts administration
radio production
stage management
community arts work
casting agency work



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COURSE: **Drama**

FACULTY: **Expressive Arts**

LEVEL: **National 5**

DEPT: **Drama**

Selecting this course option in S3 will allow you to develop evidence designed to maximise your potential to complete BGE levels 3 and 4. You will also be building on the skills required for tackling the requirements of the National course described below. The focus of S3 will be in expanding the range of technical drama options you have access to, developing your confidence in the performance process and building your understanding of how to analyse actors and plays.

RECOMMENDED ENTRY LEVELS MOVING INTO S4

Level 3/4 or Equivalent experience. **Pupils must be willing to perform in group scenarios.**

COURSE DESCRIPTION

This exciting course consists of two units or areas of study.

Drama Skills: Students will be asked to respond to a range of stimuli and to create drama through using a raft of dramatic techniques. Students will be encouraged to work in differing genres and forms. Character and textual analysis will form part of the study as well as exploring the cultural impact which Drama has on our society. Practical work shopping and exploration will form a large part of the work of this unit as students move forward to create their dramatic statement for performance.

Production Skills: Students will build on their knowledge of technical aspects of Drama including lighting, costume, sound and props. Students will also be given the opportunity to act in a small scale production.

External Assessment:

Theatre Production: Students will take part as actors and theatre arts operators in the mounting of a small scale theatre production. Working from a practical page to stage format they will learn hands on, through how a production is structured and created as well as taking part in performance to an audience and examiner. Students will be involved in acting as well as exploring a range of theatre arts, such as make up, costume, lighting and sound in a practical production setting.

Added Value Unit: The Added Value Unit is based on the analysis of textual extract from a production perspective drawn from students' unit experience. This will culminate in an externally set written paper.

ASSESSMENT

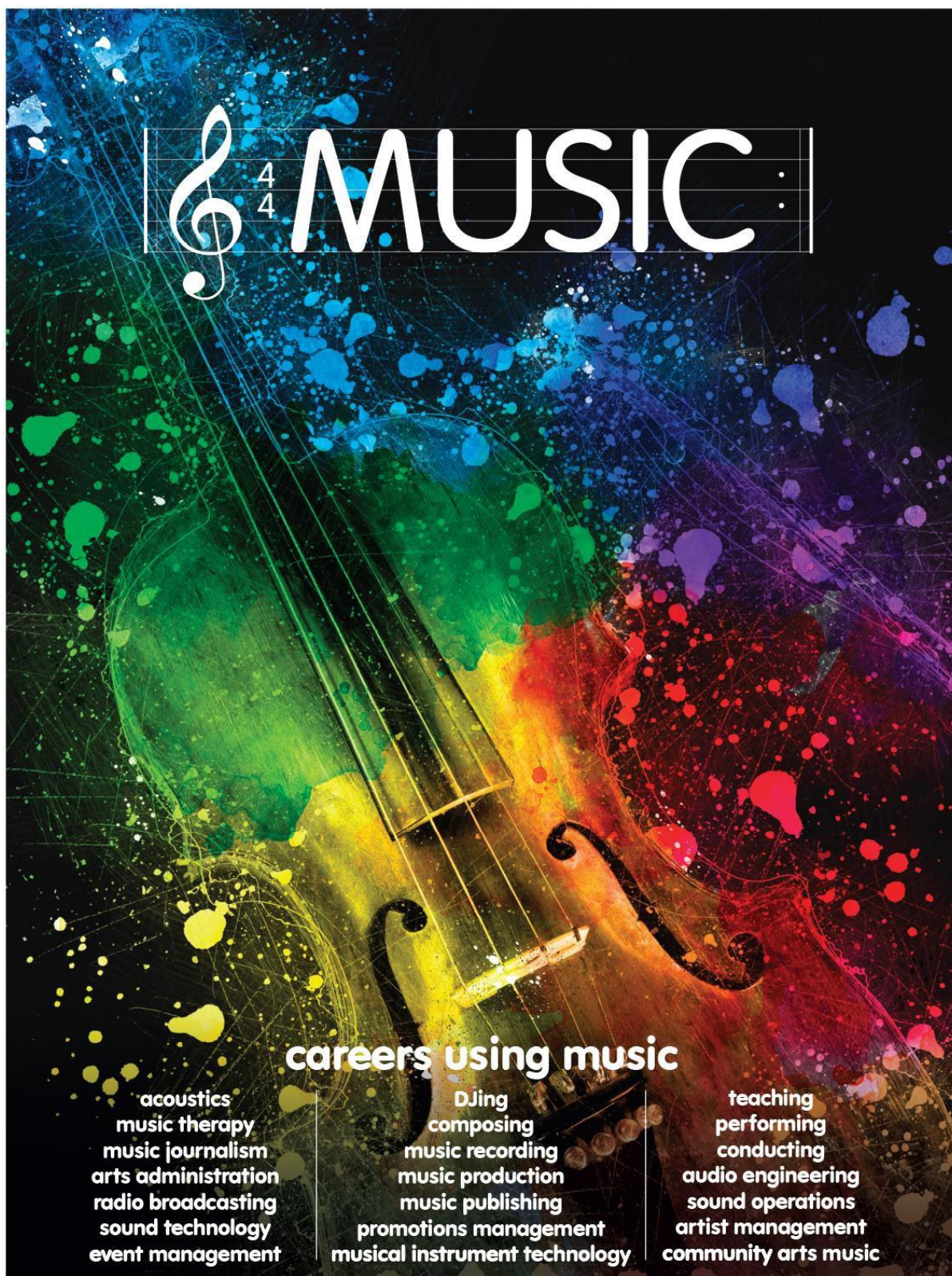
Assessment is achieved through teacher observation, the use of on-going production logs, externally set question paper and externally examined production.

HOMEWORK

Line learning, design tasks, character/textual analysis, on-going folio tasks will form part of the homework for this course as well as a commitment to rehearsal.

CAREER INFORMATION

Careers in theatre, television, radio, media and related creative industries as well as any careers which have a public interface.



careers using music

acoustics
music therapy
music journalism
arts administration
radio broadcasting
sound technology
event management

DJing
composing
music recording
music production
music publishing
promotions management
musical instrument technology

teaching
performing
conducting
audio engineering
sound operations
artist management
community arts music



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planitplus.net



COURSE: **Music**

FACULTY: **Expressive Arts**

LEVEL: **National 5**

DEPT: **Music**

Selecting this course option in S3 will allow you to develop evidence designed to maximise your potential to complete BGE levels 3 and 4. You will also be building on the skills required for tackling the requirements of the National course described below. The focus of S3 will be in focusing the range of musical instruments you have skills in, developing your understanding and ability to listen to music and building your confidence in performing in front of others.

RECOMMENDED ENTRY LEVELS MOVING INTO S4

Experience of the Curriculum for Excellence S3 course at Level 3/4 OR Proficiency on two instruments.

Pupils opting for this course **must** have satisfied music staff of their ability to perform in front of peers and public.

COURSE DESCRIPTION

Music: Performing Skills (National 5) - In this element, learners will develop performing skills on two selected instruments, or on one selected instrument and voice. They will perform level-specific music with sufficient accuracy and will maintain the musical flow. Learners will, through regular practice and self-reflection, develop technical and musical performing skills. Pieces should be at Grade 3 level or above.

Music: Composing Skills (National 5) - In this element, learners will experiment with, and use a range of compositional methods and music concepts to realise their intentions when creating original music. Learners will self-reflect on the impact and effectiveness of their creative choices and decisions and develop understanding of how composers create music in different ways and the things that influence their work.

Understanding Music (National 5) - In this element, through listening, learners will develop knowledge and understanding of a variety of level-specific music concepts, and music literacy. They will identify and recognise specific music styles and concepts, and music signs and symbols used in music notation.

ASSESSMENT

All Elements are externally assessed. Composition and understanding music by written examination. Performance by playing timed pieces for an external examiner.

HOMEWORK

Appropriate tasks in music may include instrumental practice, musical literacy work, composing tasks, research tasks, website revision and practice questions, exam revision, folio work and evaluations.

CAREER INFORMATION

It is expected that learners will develop broad, generic skills through this course. Possible musical careers include: - performing, composing, arranging, musical directing, teaching, sound engineering, music production.

COURSE: Music Technology

FACULTY: Expressive Arts

LEVEL: National 4/5

DEPT: Music

Selecting this course option in S3 will allow you to develop evidence designed to maximise your potential to complete BGE levels 3 and 4. You will also be building on the skills required for tackling the requirements of the National course described below. The focus of S3 will be in focusing on tech equipment you have skills in, developing your understanding and ability to listen to and sample contemporary music and building your confidence in recording and producing sounds.

RECOMMENDED ENTRY LEVELS MOVING INTO S4

Experience of the BGE courses at Level 3 OR National 4 Music course. There is no requirement to play a musical instrument for this course.

COURSE DESCRIPTION

Music Technology Skills (National 5)

In this unit, learners will develop a range of skills and techniques relating to the creative use of music technology hardware and software to capture and manipulate audio. Learners will explore a range of uses of this technology through practical activities.

Understanding 20th and 21st Century Music (National 5)

In this unit learners will develop knowledge and understanding of 20th and 21st century musical styles and genres, and an understanding of how music technology has influenced and been influenced by 20th and 21st century musical developments, through investigation and listening activities. Learners will develop awareness of the implications of intellectual property rights in the context of music production.

Music Technology in Context (National 5)

In this Unit, learners will develop, refine and apply their technical and creative skills in a range of real-life contexts such as live performance, radio broadcast, composing for film, TV themes, adverts and computer gaming.

ASSESSMENT

In National 4, all three units are internally assessed as well as an added value unit which will provide learners with an opportunity to demonstrate music technology skills acquired throughout the course.

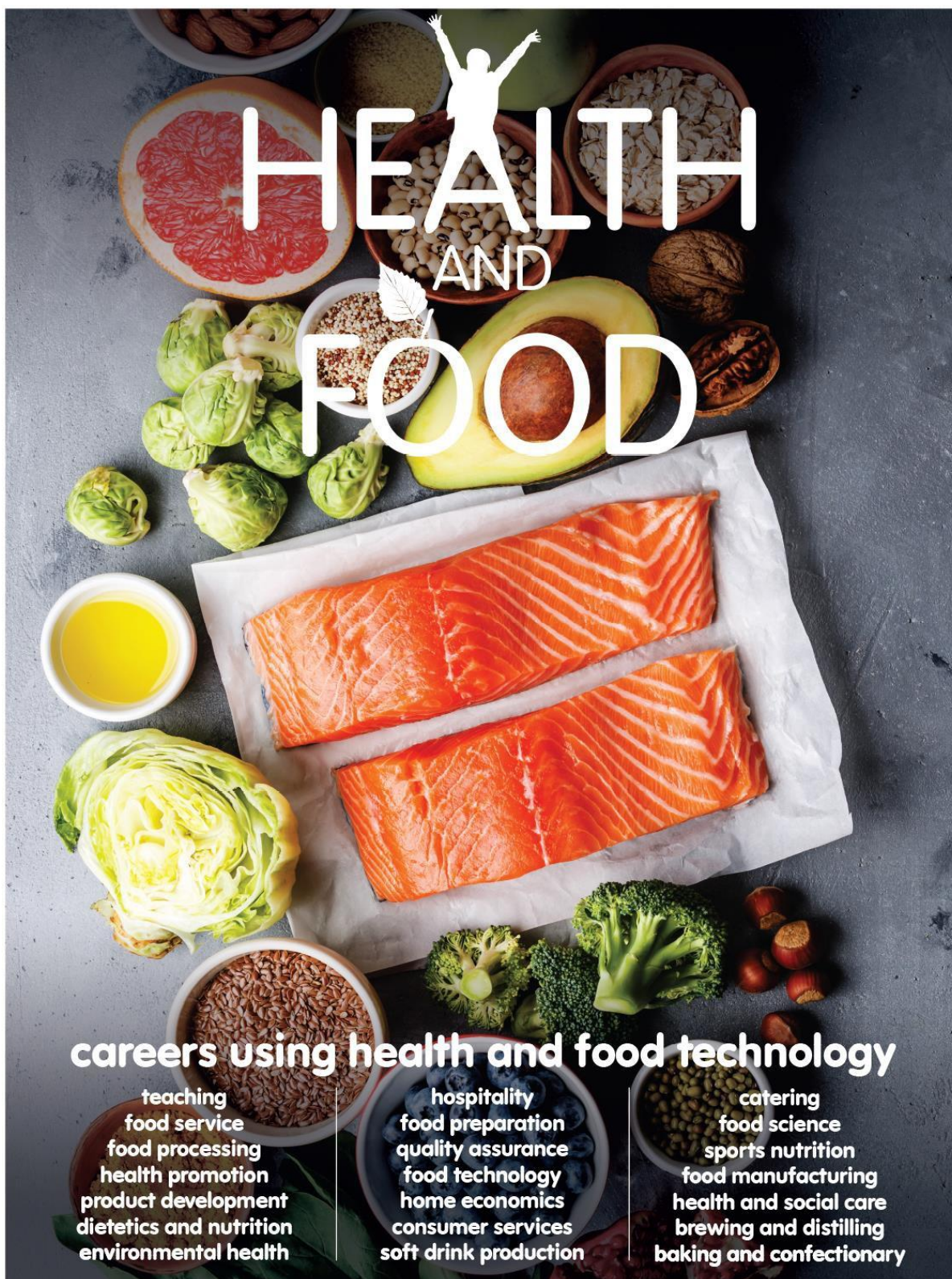
In National 5, all units are internally assessed, and there is an external course assessment which consists of a music technology assignment and a listening paper.

HOMEWORK

Appropriate tasks in music technology may include research tasks, exam revision, folio work and evaluations.

CAREER INFORMATION

It is expected that learners will develop broad, generic skills through this course. Possible music technology careers include, teaching, sound engineering, music production, radio and television work.



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COURSE: Health & Food Technology

FACULTY: Health & Wellbeing

LEVEL: National 3/4/5

DEPT: Home Economics

Selecting this course to study in S3 will further develop your practical food skills and understanding of food issues; to allow you to make informed food, lifestyle and consumer choices.

RECOMMENDED ENTRY LEVELS

Achieve Level 3 in S3 to progress to National 3 in S4

Achieve Level 4 in S3 to progress to National 4 in S4

Achieve National 4 in S3 to progress to National 5 in S4

COURSE DESCRIPTION

The course covers 3 units:

- Contemporary Food Issues
- Food for Health
- Food Product Development

allowing students to develop skills & knowledge on:

- health, food and nutrition
- how ingredients work in recipes
- why people choose the foods they do
- how to make a range of recipes safely

by:

- Taking part in practical food activities
- Adapting/developing, cooking and evaluating recipes to suit individual needs
- Studying nutrition & the nutritional needs of different groups in the community
- Investigating the need for a balanced diet & its impact on health
- Researching how national food policy affects individuals, the community & the world of work
- Exploring issues that affect food choice and the marketing influences on consumers
- Studying packaging design & food advertising
- Applying food safety principles when buying, storing, preparing, cooking & consuming food
- Developing good time management and organisational skills an essential skill for the world of work

Due to practical element of this course, there will be a course fee to cover the cost of ingredients.

ASSESSMENT

National 3 – Unit Assessments, internally assessed.

National 4 – i) Unit Assessments, internally assessed.

ii) Assignment for the Added Value Unit – internally assessed.

National 5 – i) Assignment, worth 50% of the course award, externally assessed.

ii) Question paper completed during the exam diet in May, worth 50% of the course award,
Externally assessed.

HOMEWORK

Candidates will be given homework each week, via Google Classroom, to help prepare for lessons.

CAREER INFORMATION

- Employment in the Health Services; Dietetics, Public Health Nutrition, Human Nutrition, Nutrition research, Sports and Exercise Nutrition, Health Promotion
- Employment in the Food Industry; Food Product Design, Food Science, Food Technology
- Employment in the Media; Food Journalism, Food Styling
- Teaching

Further Study

Successful completion of the N5 award will allow progression to the Higher Health and Food Technology Course which is accepted as one of the science entry qualifications to the RGU Masters Degree in Dietetics and the BSc (Hons) Food and Nutrition and Human Health course.

COURSE: Practical Cookery

FACULTY: Health & Wellbeing

LEVEL: National 3/4/5

DEPT: Home Economics

RECOMMENDED ENTRY LEVELS

Achieve Level 3 in S3 to Progress to National 4 in S4

Achieve Level 4 in S3 to progress to National 5 in S4

COURSE DESCRIPTION

This course aims to:

- develop life skills through practical activities where pupils will be able to prepare and cook food for themselves and others and organise their time and work efficiently
- develop an understanding of the relationship between health and food choice and why the responsible sourcing of ingredients is of vital importance in today's world
- develop an understanding of how to prepare and present food to a professional standard

Due to practical element of this course, there will be a course fee to cover the cost of ingredients for each pupil.

ASSESSMENT

The course is assessed in a variety of ways:

- practical work through continuous assessment
- theory work through unit assessments
- the final assessment for the National 4 course will take the form of a Practical Assignment carried out during the Added Value Unit
- the final assessment for the National 5 course will take the form of:
 - One Practical Activity, preparing, making and serving 3 dishes - internally assessed
 - One Assignment - externally assessed by SQA
 - One Question Paper - externally assessed by SQA

HOMEWORK

Homework will take the form of planning practical work for lessons and revision for written assessments.

CAREER INFORMATION

This course provides preparation for a diverse range of employment within the Hospitality industry. It also develops excellent time management and organisational skills as well as lifelong skills in food choice and preparation.

PHYSICAL EDUCATION

careers using physical education

sports retailing
armed services
sports journalism
sports broadcasting
health promotion
sports coaching
outdoor pursuits

teaching
physiotherapy
sports science
sports medicine
fitness instruction
community sports
sports centre management

police
physiology
fire fighting
personal training
travel and tourism
professional sport
sports administration



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gateway

COURSE: Physical Education

FACULTY: Health & Wellbeing

Level: National 3/4/5

DEPT: Physical Education

Selecting this course option in S3 will allow you to develop performances in two activities to maximise your potential to complete National levels 3 and 4.

You will also be building on the skills required for tackling the requirements of the National course described below. S3 will focus on developing our practical performance, expanding your skills in a wide range of activities and developing your understanding of the Factors which impact on your performance.

RECOMMENDED ENTRY REQUIREMENTS

For National 4 – National 3 in S3

For National 5 – National 4 in S3

COURSE DESCRIPTION

The main purpose of the course is to develop and demonstrate movement and performance skills in physical activities. By engaging in practical activities, students can demonstrate initiative, decision making and problem-solving skills. The course encourages students to develop a positive attitude towards a healthy lifestyle, and the contribution that physical activity will make to this. Students will be given the opportunity to personalize their learning by selecting from a range of activities which they are interested in. Students will be expected to attend extra – curricular clubs in order to support their performance development.

ASSESSMENT

National 3/4

Performance – Students must achieve a unit pass in two activities, internally assessed.

Course Assessment – Added value unit, assessment in one activity, pass/fail, internally assessed.

Factors Impacting on Performance – Unit pass based on written logbook, pass/fail, internally assessed.

National 5

Performance

Course Assessment – Students will be assessed internally in 2 activities with each marked out of 30. We endeavor to allow the students personal choice regarding activities they wish to be assessed in. However, this is at the discretion of the PE department and the final decision rests with them.

Factors Impacting on Performance

Course Assessment – Mark out 60 based on a written Portfolio, externally assessed.

HOMEWORK

A range of homework will be issued based on factors that impact on your own personal performance. Homework will be varied, including gathering performance evidence to extended written responses based on your findings and evaluations. Students will also be expected to undertake a programme of personal research to investigate factors influencing their own personal performance. The frequency of homework will increase as you progress through S3 into S4. Pupils can expect homework on a weekly basis in S4.

Homework is issued via Google Classroom (our internet based learning resource) with deadlines being strictly adhered too.

CAREER INFORMATION

This course is recognised as an entry requirement to employment, training, and higher and further education. This course also provides preparation for a diverse range of occupations and careers.

MODERN LANGUAGES

careers using modern languages

finance
retailing
journalism
hospitality
travel and tourism
local government
customs and immigration

law
publishing
civil service
translating
broadcasting
airline cabin crew
transport and distribution

teaching
catering
interpreting
call centre work
diplomatic service
importing/exporting
marketing and sales



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COURSE: French

FACULTY: Modern Languages

LEVEL: National 4/5

DEPT: French

RECOMMENDED ENTRY LEVELS

National 5: Level 4

National 4: Level 3

COURSE DESCRIPTION

The purpose of a Modern Language is to develop knowledge of the language and understanding of the culture of the countries whose native language it is, enabling you to interact with understanding of and confidence in the language

The contexts for study are Society, Learning, Employability and Culture. These contexts include topic areas such as Health and Wellbeing, the World of Work and Differences between countries.

In the 21st Century, there is an increasing awareness of the importance of communication. With a qualification in a foreign language at Nat 4 or Nat 5, you will have the basic skills to communicate more effectively in a global society.

ASSESSMENT

Assessment at National 4

The three assessed units include an investigative Added Value unit and may be assessed on a unit-by-unit basis or by combined assessment with SQA providing external verification. The use of straightforward language is paramount.

Assessment at National 5

There will also be an external exam graded A-D. Reading is graded out of 30 marks, writing is out of 20 marks, listening is out of 20 marks, assignment-writing is out of 20 marks and the performance-talking is out of 30 marks. Talking is recorded and is assessed for the external exam.

HOMEWORK

Regular homework will be set by the teacher and is expected to be handed in on time. Also Nat. 5 pupils will be strongly encouraged to use SCHOLAR at home in order to increase their confidence and knowledge of grammar and French vocabulary.

CAREER INFORMATION

This course may provide progression to other qualifications in French (Higher).

Furthermore, it will enable you to study other languages as the skills acquired through the learning of one language are transferable skills and will help you a long way in learning other languages.

Also, gaining a recognised qualification in a language is an asset over people who have the same skills as you but no foreign language qualification when it comes to applying for jobs. You could also apply for specific language or communication related positions in a wide range of employment fields, for example international companies in a variety of industries (e.g. the oil industry, food and drink industry), the RAF and other military branches, and travel related companies.

A qualification in a modern language is being increasingly sought by employers as they trade and conduct business worldwide. Post Brexit this demand is predicted to rise.

Also, if you are considering primary teaching as a career, a modern language qualification would stand you in good stead.

COURSE: German (crash course)

FACULTY: Modern Languages

LEVEL: National 4/5

DEPT: French/ German

RECOMMENDED ENTRY LEVELS

National 5: Level 4

National 4: Level 3

COURSE DESCRIPTION

The purpose of a Modern Language is to develop knowledge of the language and understanding of the culture of the countries whose native language it is, enabling you to interact with understanding and confidence in the language.

The contexts for study are Society, Learning, Employability and Culture. These contexts include topic areas such as Health and Wellbeing, the World of Work and Differences between countries.

In the 21st Century, there is an increasing awareness of the importance of communication. With a qualification in a foreign language at Nat 4 or Nat 5, you will have the basic skills to communicate more effectively in a global society.

ASSESSMENT

Assessment at National 4

The three assessed units include an investigative Added Value unit and may be assessed on a unit-by-unit basis or by combined assessment with SQA providing external verification. The use of straightforward language is paramount.

Assessment at National 5

There will also be an external exam graded A-D. Reading is graded out of 30 marks, writing is out of 20 marks, listening is out of 20 marks, assignment-writing is out of 20 marks and the performance-talking is out of 30 marks. Talking is recorded and is assessed for the external exam.

HOMEWORK

Regular homework will be set by the teacher and is expected to be handed in on time. Also Nat. 5 pupils will be strongly encouraged to use SCHOLAR at home in order to increase their confidence and knowledge of grammar and German vocabulary.

CAREER INFORMATION

This course may provide progression to other qualifications in German (Higher).

Furthermore, it will enable you to study other languages as the skills acquired through the learning of one language are transferable skills and will help you a long way in learning other languages.

Also, gaining a recognised qualification in a language is an asset over people who have the same skills as you but no foreign language qualification when it comes to applying for jobs. You could also apply for specific language or communication related positions in a wide range of employment fields, for example international companies in a variety of industries (e.g. the oil industry, food and drink industry), the RAF and other military branches, and travel related companies.

A qualification in a modern language is being increasingly sought by employers as they trade and conduct business worldwide. Post Brexit this demand is predicted to rise.

Also, if you are considering primary teaching as a career, a modern language qualification would stand you in good stead.



COURSE: **Science**

FACULTY: **Science**

LEVEL: **National 3/4**

DEPT: **Sciences**

RECOMMENDED ENTRY LEVELS

Working on or success at level 3 science outcomes or teacher recommendation.

COURSE DESCRIPTION

The course is delivered through four units:

Fragile Earth – You will focus on two of the four areas:

- energy
- metals
- water
- food

For each area, investigate their source, origin, production and/or extraction. Find out what they are used for and whether their use or extraction is causing any harm. Identify possible local, national, or global solutions. Find out how science is involved in environmental issues.

Human Health – Discover which factors contribute to a healthy lifestyle, through a personal, community-based and global approach. Learn about procedures to measure physical fitness, investigate mental/social health issues and research media reports of national/international health areas.

Applications of Science – explore science's contribution to communication technologies and the impact that these have had on the environment/society. Research the production and use of new materials. Discover how science helps the understanding of risk and how it can be reduced in modern life.

Added Value Unit – draw on and extend the skills learned across the other Units and demonstrate the breadth of knowledge and skills acquired.

ASSESSMENT

The course is not graded.

To achieve a course award, passes in the four units listed above are required.

HOMEWORK

Homework will be issued at appropriate times to support learning. Pupils may also be asked to complete tasks at home. Revision should also be done as required for assessments.

CAREER INFORMATION

This Course or its Units may provide progression to:

- National 4 Biology, Chemistry or Physics
- National 5 Lab Skills with a recommendation from your teacher.
- further study, employment and/or training.

BIOLOGY

careers using biology

brewing
medicine
dentistry
dietetics
forensics
pharmacology
marine biology
physiotherapy
paramedical work
environmental health

audiology
psychiatry
radiography
horticulture
food science
biochemistry
sports science
speech therapy
occupational therapy
ophthalmics and orthoptics

nursing
ecology
teaching
agriculture
biotechnology
fisheries work
laboratory work
veterinary work
prosthetics and orthotics
environmental science



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COURSE: **Biology**

FACULTY: **Science**

LEVEL: **National 4**

DEPT: **Biology**

RECOMMENDED ENTRY LEVELS

Success at level 3 biology outcomes and a good familiarity with level 4 outcomes.
National 4 Chemistry or Physics – pass, or recommendation from teacher.

COURSE DESCRIPTION

The Course covers major areas of biology ranging from cellular to whole organism and up to ecosystems. The key areas of biodiversity, interdependence, body systems and cells and inheritance are developed through the Course.

The course is delivered through four units:

Cell Biology - cell division and its role in growth and repair, DNA, genes and chromosomes, therapeutic use of cells, properties of enzymes and use in industries, properties of microorganisms and use in industries, photosynthesis — limiting factors, factors affecting respiration, and controversial biological procedures.

Multicellular Organisms - sexual and asexual reproduction and their importance for survival of species, propagating and growing plants, commercial use of plants, genetic information, growth and development of different organisms, and biological actions in response to internal and external changes to maintain stable body conditions.

Life on Earth - how animal and plants species depend on each other, impact of population growth and natural hazards on biodiversity, nitrogen cycle, fertiliser design and environmental impact of fertilisers, adaptations for survival, and learned behaviour in response to stimuli linked to species survival.

Added Value Unit – Biology assignment. Researching, planning, experimenting, reporting and presenting skills are assessed during the assignment.

ASSESSMENT

The course is not graded.

To achieve a course award, passes in the four units listed above are required.

HOMEWORK

Homework will be issued at appropriate times to support learning. Pupils may also be asked to complete tasks at home. Revision should also be done as required prior to assessments.

CAREER INFORMATION

This Course or its Units may provide progression to:

- National 5 Biology or Lab Skills
- further study, employment and/or training

COURSE: **Biology**

FACULTY: **Science**

LEVEL: **National 5**

DEPT: **Biology**

RECOMMENDED ENTRY LEVELS

Success at level 4 biology outcomes

National 4 Biology – pass, or

National 5 Physics or Chemistry, or recommendation from teacher.

COURSE DESCRIPTION

The course encourages development of skills and resourcefulness, which leads to becoming a confident individual. Successful learners in Biology think creatively, analyse and solve problems. Biology aims to produce responsible citizens, through studying of relevant areas of Biology, such as health, environment and sustainability.

The course is delivered through three topics:

Cell Biology - cell structure; transport across cell membranes; DNA and the production of proteins; proteins and enzymes; genetic engineering; and respiration.

Multicellular Organisms - producing new cells; control and communication; reproduction, variation and inheritance; transport systems in plants; transport systems in animals; absorption of materials.

Life on Earth - ecosystems; distribution of organisms; photosynthesis; energy in ecosystems; food production; evolution of species.

ASSESSMENT

Course assessment will provide the basis for grading attainment in the course awards at levels A-D. The course is assessed externally and is comprised of the following two components:

Component 1 - question paper

Component 2 - assignment

Researching, planning, experimenting, reporting and presenting skills are assessed during the assignment.

HOMEWORK

Homework will be issued at appropriate times to support learning. Pupils may also be asked to complete tasks at home. Revision should also be done frequently.

CAREER INFORMATION

This course may provide progression to:

- Higher Biology
- National 5 Chemistry, Physics or Lab Skills
- Further study, employment or training

CHEMISTRY

6

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53 16

39

careers using chemistry

brewing
dentistry
engineering
agriculture
biochemistry
environmental health
chemical plant operation
environmental science
waste management

medicine
food science
horticulture
laboratory work
chemical engineering
materials science
research and development
plastics and polymers technology
colour technology and dyeing

dietetics
teaching
nursing
biotechnology
quality control
pharmaceuticals
forensic science
medicinal chemistry
oil and gas production



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gateway

COURSE: **Chemistry**

FACULTY: **Science**

LEVEL: **National 4**

DEPT: **Chemistry**

RECOMMENDED ENTRY LEVELS

Success at level 3 chemistry outcomes and a good familiarity with level 4 outcomes.
National 4 Biology or Physics – pass, or recommendation from teacher.

COURSE DESCRIPTION

Chemistry, the study of matter and its interactions, contributes essential knowledge and understanding across all aspects of our lives. Chemistry explains the links between the particulate nature of matter and the macroscopic properties of the world. Chemistry research and development is essential for the introduction of new products. The chemical industry is a major contributor to the economy of the country.

The course is delivered in four units:

Chemical Changes and Structure – chemical reactions in our world. Rates of reaction, energy changes and reactions of acids and bases and their impact on the environment. Work towards the concept of chemical equations and research atomic structure, bonding and properties.

Nature's Chemistry – how fossil fuels are extracted and processed for use. Fuels and renewable sources and their impact on the environment. Plants as a source of fuels and the use of plants in the development of everyday products.

Chemistry in Society – the study of metals – in alloys and in electrochemical cells. Applications of plastics and new materials. Fertilisers, making new elements, background radiation and the use of chemical analysis to monitor the environment.

Added Value Unit – Chemistry assignment. Researching, planning, experimenting, reporting and presenting skills are assessed during the assignment.

ASSESSMENT

The course is not graded.

To achieve a course award, passes in the four units listed above are required.

HOMEWORK

Homework will be issued at appropriate times to support learning. Pupils may also be asked to complete tasks at home. Revision should also be done as required.

CAREER INFORMATION

This Course or its Units may provide progression to:

- National 5 Chemistry, National 5 Lab Skills
- further study, employment and/or training

COURSE: **Chemistry**

FACULTY: **Science**

LEVEL: **National 5**

DEPT: **Chemistry**

RECOMMENDED ENTRY LEVELS

Success at level 4 chemistry outcomes

National 4 Chemistry – pass, or

National 5 Physics or Biology, or recommendation from teacher

COURSE DESCRIPTION

Chemistry, the study of matter and its interactions, contributes essential knowledge and understanding across all aspects of our lives. Chemistry explains the links between the particulate nature of matter and the macroscopic properties of the world. Chemistry research and development is essential for the introduction of new products. The chemical industry is a major contributor to the economy of the country.

The course is delivered through three topics:

Chemical Changes and Structure - average rates of reaction, neutralisation reactions, balanced chemical equations, the mole, formulae, reaction quantities and the connection between bonding and chemical properties of materials.

Nature's Chemistry - physical and chemical properties of cycloalkanes, branched chain alkanes and alkenes, straight chain alcohols and carboxylic acids, chemical reactions and uses of these in everyday consumer products and comparison of energy from different fuels.

Chemistry in Society - chemistry of materials, metals and their bonding, reactions and uses; connection between bonding in plastics, their physical properties and their uses; chemical reactions and processes used to manufacture fertilisers; use and effect of different types of nuclear radiation and chemical analysis techniques used for monitoring the environment.

ASSESSMENT

Course assessment will provide the basis for grading attainment in the course awards at levels A-D. The course is assessed externally and is comprised of the following two components:

Component 1 – question paper.

Component 2 – assignment. Researching, planning, experimenting, reporting and presenting skills are assessed during the assignment.

HOMEWORK

Homework will be issued at appropriate times to support learning. Pupils may also be asked to complete tasks at home. Revision should also be done frequently.

CAREER INFORMATION

This Course or its Units may provide progression to:

- Higher Chemistry
- National 5 Biology, National 5 Physics, National 5 Lab Skills
- Further study, employment or training
- Education

PHYSICS

careers using physics

medicine
surveying
engineering
radiography
physiotherapy
nanotechnology
renewable energy science
aerospace manufacturing
medical physics

architecture
meteorology
teaching
electronics
medical technology
engineering technology
oceanography
telecommunications
sound technology

astronomy
dentistry
audiology
geophysics
astrophysics
auto electrical repair
ophthalmics/orthoptics
research and development
software engineering



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COURSE: **Physics**

FACULTY: **Science**

LEVEL: **National 4**

DEPT: **Physics**

RECOMMENDED ENTRY LEVELS

Success at level 3 Physics outcomes and a good familiarity with level 4 outcomes.
National 4 Biology or Chemistry – pass, or recommendation from teacher.

COURSE DESCRIPTION

Through learning in Physics, learners develop their interest in and understanding of the world. They engage in a wide range of investigative tasks, which allows them to develop important skills to become creative, inventive and enterprising, in a world where the skills and knowledge developed by Physics are needed across all sectors of society.

The course is delivered through four units:

Electricity and Energy – generation of electricity, electrical power, electromagnetism and practical electric and electronic circuits.

Waves and Radiation – wave characteristics, sound, the electromagnetic spectrum and nuclear radiation.

Dynamics and Space – speed and acceleration, forces, motion and energy, satellites and cosmology.

Added Value Unit – Physics assignment. Researching, planning, experimenting, reporting and presenting skills are assessed during the assignment.

ASSESSMENT

The course is not graded.

To achieve a course award, passes in the four units listed above are required.

HOMEWORK

Homework will be issued at appropriate times to support learning. Pupils may also be asked to complete tasks at home. Revision should also be done as required prior to assessments.

CAREER INFORMATION

This Course or its Units may provide progression to:

- National 5 Physics, National 5 Lab Skills
- further study, employment and/or training.

COURSE: **Physics**

FACULTY: **Science**

LEVEL: **National 5**

DEPT: **Physics**

RECOMMENDED ENTRY LEVELS

Success at level 4 physics outcomes

National 4 Physics

National 5 Chemistry or Biology or recommendation from teacher.

COURSE DESCRIPTION

Through learning in Physics, learners develop their interest in and understanding of the world. They engage in a wide range of investigative tasks, which allows them to develop important skills to become creative, inventive and enterprising, in a world where the skills and knowledge developed by Physics are needed across all sectors of society.

The course is delivered through four units:

Electricity and Energy - energy transfer in unfamiliar situations, electrical charge carriers, Ohms law, electronics, heat and the gas laws.

Waves and Radiation – wave behaviour, the EM spectrum, optics and nuclear radiation.

Dynamics and Space – kinematics, Newton's laws in unfamiliar situations, projectile motion, space exploration and cosmology.

Throughout all these Units, learners will research issues, apply scientific skills and communicate information related to their findings, which will develop skills of scientific literacy.

ASSESSMENT

Course assessment will provide the basis for grading attainment in the course awards at levels A-D. The course is assessed externally and is comprised of the following two components:

Component 1 - question paper

Component 2- assignment. Researching, planning, experimenting, reporting and presenting skills are assessed during the assignment.

HOMEWORK

Homework will be issued at appropriate times to support learning. Pupils may also be asked to complete tasks at home. Revision should also be done frequently.

CAREER INFORMATION

This Course or its Units may provide progression to:

- Higher Physics
- National 5 Chemistry, National 5 Physics, National 5 Lab Skills
- Further study, employment or training

GEOGRAPHY

careers using geography

ecology
meteorology
climatology
cartography
energy engineering
landscape architecture
town and country planning

teaching
surveying
archaeology
rural development
nature conservation
environmental education
environmental management

geology
demography
geophysics
travel and tourism
geographical information
transport and distribution
hydromorphology



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COURSE: **Geography**

FACULTY: **Social Subjects**

LEVEL: **National 3, 4 and 5**

DEPT: **Geography**

RECOMMENDED ENTRY LEVELS

Entrance will be determined based on progress in the Broad General Education so far.

Social Subjects (History, Geography & Modern Studies)

National 5: Level 4 BGE

National 4 Geography, History, Modern Studies,

National 3/4: Level 4 Level 3 BGE

COURSE DESCRIPTION

The purpose of Geography is to develop your knowledge and understanding of our changing world and its human and physical processes. Opportunities for practical activities, including fieldwork, will be encouraged, so that you can interact with your environment. Units of study could include:

- **Human Environments:** Issues relating to how population change and development impacts on the rural and urban landscapes of Developed and Developing countries.
- **Physical Environments:** An understanding of the natural processes relating to River and Limestone landscapes and how these and weather systems impact on our lives in the UK.
- **Global Issues:** Examining development and health across the world. Understanding the causes, effects and management of Global Natural Hazards such as earthquakes, volcanic eruptions and tropical storms.

ASSESSMENT

At National 3 and 4: 3 Unit Assessments, Controlled Assignment – Added Value Unit

At National 5: External Exam (80%), Controlled Assignment (20%)

HOMEWORK

Homework will be set on a weekly basis and could involve revision tasks or exam practice questions. Pupils should expect to spend some time researching and processing data for their AVU / Assignment. This should amount to a minimum of 45 minutes a week outside school.

CAREER INFORMATION

In the 21st century, with growing awareness of the impact of human activity upon the environment and scarce resources, the study of Geography fosters positive life-long attitudes of environmental stewardship, sustainability and global citizenship. This qualification will furnish you with the knowledge and skills to enable you to contribute effectively to your local communities and wider society. This Course or its Units may provide progression to other qualifications in Geography or related areas OR further study, employment or training.

HISTORY



careers using history

politics
genealogy
library work
anthropology
archive work
administration

tourism
sociology
publishing
teaching
civil service
cultural heritage

law
journalism
archaeology
restoration work
diplomatic service
museum work



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planitplus.net



gateway

COURSE: **History**

FACULTY: **Social Subjects**

LEVEL: **National 3, 4 and 5**

DEPT: **History**

RECOMMENDED ENTRY LEVELS

Entrance will be determined based on progress in the Broad General Education so far.
Social Subjects (History, Geography & Modern Studies).

For National 5, Level 4 BGE

For National 4, Level 4 and level 3 BGE

COURSE DESCRIPTION

This course will include units such as the following:

1. **Scottish History: The Impact of the Great War 1914 – 1928**
The Experience of War for soldiers, the impact of WW1 on the society, the economy and politics in Scotland
2. **The Atlantic Slave Trade 1770-1807**
Capture of slaves and The Middle Passage. Life on Plantations and Resistance. Impact of the Slave Trade on Britain and the Caribbean. The role of William Wilberforce and the campaign to abolish the Slave Trade.
3. **Hitler and Nazi Germany 1919-1939**
Rise of the Nazi party after the defeat in WW1. Consolidation of power and life in the Nazi State.

ASSESSMENT

At National 3 and 4: 3 Unit Assessments, Controlled Assignment – Added Value Unit

At National 5: External Exam (80%), Controlled Assignment (20%)

HOMEWORK

Homework will be set on a weekly basis. This could involve revision tasks such as mind maps, revision cards or summary notes. It will also involve exam practice such as source questions. Pupils should expect to spend a minimum of 45 minutes a week outside school working on their History on either set tasks or personal study.

CAREER INFORMATION

History qualifications can be directly beneficial following a career which requires the skill of looking at evidence and coming to an informed decision.

COURSE: **Social Subjects**

FACULTY: **Social Subjects**

LEVEL: **National 3 and 4**

DEPT: **History**

RECOMMENDED ENTRY LEVELS

Entrance will be determined based on progress in the Broad General Education so far. Social Subjects (History, Geography & Modern Studies).
For National 3 and 4, Level 3 and level 4 BGE

COURSE DESCRIPTION

This course will include units such as the following:

1. **Scottish History: The Impact of the Great War 1914 – 1928**
The Experience of War for soldiers, the impact of WW1 on the society, the economy and politics in Scotland.
2. **World History: Hitler and Nazi Germany 1919-1939**
Rise of the Nazi party after the defeat in WW1. Life in the Nazi State.
3. **Modern Studies: Crime and Law**
The nature, extent and causes of crime, the impact of crime on individuals and society and the role of individuals, the police, the legal system and the state in tackling crime.
4. **Modern Studies: World Issue - Terrorism**
The causes and consequences, and attempts at resolution of the world issue of terrorism.

ASSESSMENT

At National 3: 3 Unit Assessments in class.

At National 4: 3 Unit Assessments and Controlled Assignment – Added Value Unit

HOMEWORK

Regular skills and Knowledge & Understanding questions, combined with on-going research into their chosen assignment for N4.

CAREER INFORMATION

These qualifications can be directly beneficial following a career which requires the skill of looking at evidence and coming to an informed decision such as the Police force.

MODERN STUDIES

careers using modern studies

police
banking
politics
marketing
community work
welfare rights
trade union work
broadcasting and media

law
teaching
economics
journalism
social work
administration
management
charity work

sociology
fundraising
civil service
anthropology
social sciences
clerical work
local government
information/advice work



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COURSE: Modern Studies

FACULTY: Social Subjects

LEVEL: National 3, 4 and 5

DEPT: Modern Studies

RECOMMENDED ENTRY LEVELS

Entrance will be determined based on progress in the Broad General Education so far. Social Subjects (History, Geography & Modern Studies) and other qualifications.

National 5: Level 4 BGE

National 4 in another Social Subject

National 3/4: Level 4 or Level 3 BGE

National 3 in another Social Subject

COURSE DESCRIPTION

Modern Studies encourages you to develop a greater understanding of the contemporary world and your place in it at local, national and international levels. You will have opportunities to develop important attitudes such as respect for the values, beliefs and cultures of others; openness to new thinking and ideas; and a sense of responsibility and global citizenship. You will also develop the skills necessary for a balanced and informed perspective on society by detecting selectivity and how to make informed choices.

This will be achieved through successful study of the Course Units such as:

- **UK Democracy**
The UK's political system, including the ways in which society is informed about, able to participate in and influence the political system.
- **Crime and Law**
The nature, extent and causes of crime, the impact of crime on individuals and society and the role of individuals, the police, the legal system and the state in tackling crime.
- **World Issue - Terrorism**
The causes and consequences, and attempts at resolution of the world issue of terrorism.

ASSESSMENT

At National 3/4: 3 Unit Assessments, Controlled Assignment – Added Value Unit

At National 5: 3 External Exam (80%), Controlled Assignment (20%)

HOMEWORK

Regular skills and Knowledge & Understanding questions combined with on-going research into their chosen assignment.

CAREER INFORMATION

Skills developed in Modern Studies are ideal for careers in Law, Journalism, Police, Business, Media and Administration to name but a few.

RMPS

Religious, Moral and Philosophical Studies

careers using RMPS

social care	teaching	law
civil service	health care	politics
youth work	psychology	fundraising
social work	counselling	management
broadcasting	community work	advisory services
charities administration	human resources	religious leadership



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COURSE: Religious and Moral Education

FACULTY: Social Subjects

LEVEL: National 3, 4 & 5

DEPT: RME

RECOMMENDED ENTRY LEVELS

Entrance will be determined based on progress in the Broad General Education so far Social Subjects.

For National 5, Level 4 BGE

For National 4, Level 4 and level 3 BGE

COURSE DESCRIPTION

This course will include the units

1. World Religions: Islam, Buddhism, Hinduism
2. Morality and Belief: Morality and Medicine, Morality and Justice
3. Religion and Philosophical Questions: Origins

ASSESSMENT

At National 3 and 4: 3 Unit Assessments, Controlled Assignment – Added Value Unit

At National 5: External Exam (80%), Controlled Assignment (20%)

HOMEWORK

Homework will be set on a weekly basis. This could involve revision tasks such as mind maps, revision cards or summary notes. It will also involve exam practice such as source questions. Pupils should expect to spend a minimum of 45 minutes a week outside school working on their RME on either set tasks or personal study.

CAREER INFORMATION

RME qualifications can be directly beneficial in numerous courses and careers which require the skill of looking at evidence and coming to an informed decision.

BUSINESS

careers using business

buying	banking	insurance
civil service	accounting	bookkeeping
marketing	administration	retail and sales
procurement	advertising	human resources
clerical work	economics	call centre work
public relations	credit control	industrial relations
manufacturing	entrepreneurship	quantity surveying
local government	systems analysis	business development
importing/exporting	office management	property management
hospitality management	transport and logistics	health service management



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gateway

COURSE: Business Management

FACULTY: Technology

LEVEL: National 4/5

DEPT: Business Education

COURSE DESCRIPTION

Business Management is relevant to everybody – no matter what route their life takes. We rely on businesses and entrepreneurs to create wealth, prosperity, jobs and choices. The main purpose of studying this course is to give learners an awareness of the ways businesses are organised, the activities carried out within a business, the impact on society of different businesses and the vital role played by managers of a business. Other aspects tackled by the course will be financial awareness in business contexts and an understanding of how external influences can impact on business organisations.

ASSESSMENT

The course consists of the following units:

Business in Action	(National 4)	Understanding Business	(National 5)
Influences in Business	(National 4)	Management of People and Finance	(National 5)
		Management of Marketing and Operations	(National 5)

National 4:

- Unit Assessments (internally assessed)
- Added Value Unit – (internally assessed)

National 5:

- Assignment – Extended piece of writing. 25% of final grade (set and marked by SQA)
- Question Paper – 2 hour exam. 75% of final grade (set and marked by SQA)

HOMEWORK

Learners will be expected to spend a minimum of 2 hours per week on homework which will consist of background reading and research, as well as written work on various past paper questions and tests.

CAREER INFORMATION

This course has been introduced to develop employability and enterprise skills valued by industry, commerce and higher education. These include problem solving, communication, numeracy, ICT and working with others.

COURSE: **PC Passport with optional Business**

FACULTY: **Technology**

LEVEL: **National Progress Award Levels 4/5**

DEPT: **Business Education**

COURSE DESCRIPTION

PC Passport is designed for anyone who wants to develop or improve their IT skills, most pupils will find a level to suit their IT needs. PC Passport is particularly suitable for pupils who want to gain vocational skills.

It is a suite of IT user qualifications available at two levels.

The **Beginner** Course is ideal for the absolute novice. No prior experience is required for this level and the component Units are very straightforward. (SCQF level 4)

The **Intermediate** Course is designed for the 'competent user' and focuses on the key skills required in the modern workplace. (SCQF level 5)

Pupils will also have the option to try two Business Management Units; Understanding Business, and Marketing and Operations. This gives the opportunity to also complete the Business and IT National Progress Award Level 5.

ASSESSMENT

There are no exams in PC Passport with Business. Knowledge and understanding are assessed using objective questions; practical skills are assessed through observation and/or practical exercises. PC Passport with Business combines the best features of existing qualifications and adds some new ones to make it very effective and easy to use.

HOMEWORK

Homework will be set on a regular basis and consist of additional practice in the use of particular IT skills and background reading and research of Business topics.

CAREER INFORMATION

On successful completion of the NPA, it is envisaged that employment could be gained in the administration sector.

COMPUTING SCIENCE

careers using computing science

bioinformatics
business analysis
computer aided design
3D modelling and animation
computer games programming
software programming
computer games testing

cyber security
IT consultant
IT support services
database administration
games production management
multimedia development
IT project management

teaching
web development
systems development
network management
computer hardware engineering
systems analysis and design
software engineering



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gateway

COURSE: Computer Games Development

FACULTY: Technology

LEVEL: National Progress Award Levels 4/5

DEPT: Computing

RECOMMENDED ENTRY LEVELS

It would be beneficial to the learners if they possessed basic IT skills at the SCQF level below the course of intended study. Pupils should also possess National 4 English or be studying it **along** with this course as a minimum requirement.

COURSE DESCRIPTION

National Progression Awards (NPAs) assess a defined set of skills and knowledge in specialist vocational areas and are linked to National Occupational Standards.

The NPAs in Computer Games Development at SCQF levels 4 and 5 introduce learners to the genres, trends and emerging technologies of the computer games industry. This suite of awards provides a foundation in techniques that are important to the sector such as digital planning and design, creation of media assets, and development and testing — while also developing employability skills and Core Skills through enterprise activities.

You can create your game using GameMaker or Scratch. You will first complete the design unit which includes three outcomes where you will learn about the different design elements of games, create a game proposal, design characters and environments, the rules of your game and gameplay. In the media unit you will learn about the Copyright Laws and investigate the software packages used to make games and evaluate the tools they have to aid in the creation of media. The final part of the media unit requires you to create assets for your games. In the final development unit you will create your game and program it so that it matches your design. In the last two outcomes for this unit you will test your game and write a report to evaluate it.

The NPAs are suitable for:

S4 pupils undertaking the qualification as part of a vocational education programme

S5 and S6 school pupils who will undertake the qualification as a broadening of the Computing Science and Digital Media curriculum

ASSESSMENT

A portfolio constructed over the period of each of 3 Units, 9 outcomes in total to pass to gain an award at either level 4 or 5.

HOMEWORK

Homework will be issued on a regular basis.

CAREER INFORMATION

This course may be beneficial to learners wishing to work in games development or other digital media careers.

COURSE: Computing Science

FACULTY: Technology

LEVEL: National 4/5

DEPT: Computing

RECOMMENDED ENTRY LEVEL

Completion of BGE S3 Technologies course:

- National 5: Level 4
- National 4: Level 3

COURSE DESCRIPTION

The National 5 Computing Science Course develops knowledge and understanding of key concepts and processes in computing science; enabling learners to apply skills and knowledge in analysis, design, implementation and evaluation to a range of digital solutions. Learners communicate computing concepts and explain computational behaviour clearly and concisely using appropriate terminology and develop an understanding of the role and impact of computing science in changing and influencing our environment and society.

The National 5 Computing Science course will develop your skills and knowledge of 5 programming languages including Python, HTML & CSS, Javascript and SQL.

The National 4 Computing Science Course develops knowledge and understanding of key facts and ideas in computing science; enabling learners to apply skills and knowledge in analysis, design, implementation and testing to a range of digital solutions. Learners communicate computing concepts clearly and concisely using appropriate terminology and develop an understanding of the impact of computing science in changing and influencing our environment and society.

The National 4 course is made up of three units:

- Software Design and Development
- Information System Design and Development
- Added Value Unit

ASSESSMENT

National 4:

- Unit Assessments (internally assessed)
- Added Value Unit – (internally assessed)

National 5:

- Assignment – 31% of final grade (set and marked by SQA)
- Question Paper – 69% of final grade (set and marked by SQA)

HOMEWORK

Completion of the course will require learners to complete regular homework.

CAREER INFORMATION

This course is designed for learners who are considering further study or a career in computing science and related disciplines. It provides opportunities to enhance skills in planning and organising, working independently and in teams, critical thinking and decision making, research, communication, and self- and peer-evaluation, in a range of contexts.

COURSE: **Design & Manufacture**

FACULTY: **Technology**

LEVEL: **National 4/5**

DEPT: **Design and Technology**

RECOMMENDED ENTRY LEVELS

- **National 5:** Level 4 BGE
National 4 Design & Manufacture
- **National 4:** Level 3 BGE

COURSE DESCRIPTION

The Course is broad, providing opportunities for learners to develop practical/design skills, as well as gaining knowledge and understanding of design, and materials and manufacturing processes. It combines elements of creativity and designing for aesthetic or visual impact with a requirement to consider a product's function and performance.

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
- an understanding of the impact of design and manufacturing technologies on our environment and society

The course is made up of two units:

- Design
- Materials & Manufacturing

ASSESSMENT

National 4:

- Unit Assessments (internally assessed)
- Added Value Unit – (internally assessed)

National 5:

- Assignment – Practical - 25% of final grade (set by SQA and internally marked)
Design - 31% of final grade (set and marked by SQA)
- Question Paper – 44% of final grade (set and marked by SQA)

HOMEWORK

Homework will be issued on a regular basis. Learners will have deadlines to meet for folio work so time management and the willingness to put in the extra effort where required is essential.

CAREER INFORMATION

The Course is of broad general benefit to all learners. It also provides a foundation for those considering further study, or a career, in design, manufacturing, engineering, science, marketing, and related disciplines. The Course provides a complementary practical experience for those studying subjects in the technologies and expressive arts.

GRAPHIC COMMUNICATION

careers using graphic communication

marketing
advertising
digital design
desktop publishing
multimedia design
animation

architecture
engineering
graphic design
computer aided design
construction management
building information modelling

print design
web design
illustration
surveying
civil engineering
product design



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COURSE: **Graphic Communication**

FACULTY: **Technology**

LEVEL: **National 4/5**

DEPT: **Design and Technology**

RECOMMENDED ENTRY LEVELS

- **National 5:** Level 4 BGE
National 4 Graphic Communication
- **National 4:** Level 3 BGE
Completion of BGE S3 Design & Technology course

COURSE DESCRIPTION

This course provides opportunity for learners to gain skills in reading, interpreting, and creating graphic communications. Learners will initiate, develop and communicate ideas graphically. They will develop spatial awareness and visual literacy through graphic experiences.

The course is practical, exploratory and experiential in nature. It combines elements of recognised professional standards for graphic communication partnered with graphic design creativity and visual impact.

The course allows learners to engage with technologies. It allows learners to consider the impact that graphic communication technologies have on our environment and society.

The course is made up of two units:

- 2D Graphic Communication
- 3D and Pictorial Graphic Communication

ASSESSMENT

National 4:

- Unit Assessments (internally assessed)
- Added Value Unit – (internally assessed)

National 5:

- Assignment – 33% of final grade (set and marked by SQA)
- Question Paper – 67% of final grade (set and marked by SQA)

HOMEWORK

Homework will be issued on a regular basis. Learners will have deadlines to meet for folio work so time management and the willingness to put in the extra effort where required is essential.

CAREER INFORMATION

A qualification in Graphic Communication is an ideal preparation for further study or employment. It is particularly useful for careers in web design, graphic design, engineering and architecture. The expertise developed in computer-aided work would be extremely useful in any area of work where the ability to use computer packages is required eg, graphic design, advertising, publishing, technical illustration, draughtsperson, etc.

PRACTICAL CRAFT SKILLS

careers using practical craft skills

joinery
craft work
sawmill work
wood machining
cabinet making
electrical engineering
electronics engineering
construction crafts
furniture manufacture

plumbing
toolmaking
pipefitting
engineering
IT hardware support
motor vehicle repair
sheet metal work
vehicle body repair
welding and fabrication

machining
formwork
blacksmithing
shop fitting
railway maintenance
energy distribution
telecommunications
electronics assembly
security systems installation



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gateway

COURSE: **Practical Woodworking**

FACULTY: **Technology**

LEVEL: **National 4/5**

DEPT: **Design and Technology**

RECOMMENDED ENTRY LEVELS

- Completion of N3 Practical Craft Skills course
- BGE L3/4
- Suitable for learners with an interest in learning woodworking skills.

COURSE DESCRIPTION

The National 4/5 Practical Woodworking course is a course that is both workshop and classroom based. On completing the course, learners will have developed skills in practical woodworking. They will have gained skills in the correct use of tools, equipment and a range of woodworking materials, processes and techniques. In addition, learners will gain an appreciation of safe working practices in a workshop environment. Please note that compliance to safe working practices is a mandatory aspect of the course.

This course consists of three units and a course assessment project:

- **Flat-Frame Construction** – Learners will develop skills in the use of woodworking tools and in making woodworking joints and assemblies commonly used in flat-frame joinery.
 - **Carcase Construction** – Learners will develop skills in making woodworking joints and assemblies commonly used in carcass construction.
 - **Machining and Finishing** – Learners will learn how to set up and use a range of common machine and power tools in accordance with safe working practice. They will also develop skills in a variety of woodworking surface preparations and finishing techniques.
- Course Assessment Project:** - A practical activity that will allow learners to demonstrate the application of skills and knowledge that they have developed during the course to produce a finished product to a given standard.

ASSESSMENT

National 4

- Unit Assessments (internally assessed)
- Added Value Unit – (internally assessed)

National 5

- Practical Activity – 70% of final grade (internally assessed)
- Question Paper – 30% of final grade (set and marked by SQA)

HOMEWORK

Homework will be given to reinforce the knowledge of tools, materials and practical techniques.

CAREER INFORMATION

Practical Woodworking is the ideal preparation for an apprenticeship in one of the trades such as joinery, plumbing or other construction industry jobs or for the entry into other practically based vocations such as the theatrical set design or visual arts.

COURSE: **Volunteering Skills**

FACULTY: **Wider Achievement**

LEVEL: **SCQF Level 3-5 (equivalent to N3-5)**

RECOMMENDED ENTRY LEVELS

For **S3&4** pupils who have achieved a minimum of **L2**.

COURSE DESCRIPTION

This is an opportunity to gain a qualification based around volunteering you do or may want to start. Volunteering may include Duke of Edinburgh, Defenders, Alliance, charity shops, community centres or any placement of your own. Class time is used for planning and evaluating your experience. Volunteering could be done at break, lunch or before/after school. Staff can help you find a volunteering placement.

The course has three units:

1. **Preparing to Volunteer**
2. **Volunteering Experience**
3. **Investigation Project**

You plan a volunteering placement, then review & reflect on your skills & experience. Finish with your investigation project.

Employers are keen for applicants to have volunteering experience on their CV.

Volunteering hours are logged and certificated through the **Saltire Award Scheme**. You can also **count this towards volunteering needed for the Duke of Edinburgh Award**.

ASSESSMENT - There is no exam at end of the course.

The course is **internally assessed** in a range of ways:

- Open book assessment
- Practical investigation
- Portfolio of evidence



HOMEWORK

- Volunteering log/diary
- Investigation planning

CAREER INFORMATION

This Course or its Units may provide progression to:

- Level 5-6 Leadership
- Further study, employment or training



COURSE: **Enterprise & Employability**

FACULTY: **Wider Achievement**

LEVEL: **SCQF Level 4-5 (equivalent to N4-5)**

RECOMMENDED ENTRY LEVELS

For **S3&4** pupils who have achieved a minimum of **L3**.

COURSE DESCRIPTION

This is an opportunity to develop skills & knowledge in:

- work,
- business,
- marketing,
- self-employment,
- customer care.

The course includes four units:

1. **Personal Development - Work**
2. **Working for yourself**
3. **Customer Care Skills**
4. **Self-Awareness**



Units provide opportunities to develop creativity, employability, self-reliance and confidence. Task-management skills are developed within projects. Personal strengths & weaknesses are identified and monitored.

ASSESSMENT - There is no exam at end of the course.

The course is **internally assessed** in a range of ways:

- open book assessment
- Practical Projects
- Portfolio of evidence

HOMEWORK

Project research

CAREER INFORMATION

This Course or its Units may provide progression to:

- Level 5-6 Leadership
- Further study, employment or training



COURSE: **Leadership Award & Enterprise Skills**

FACULTY: **Wider Achievement**

LEVEL: **SCQF Level 5 (equivalent to N5)**

RECOMMENDED ENTRY LEVELS

For **S3&4** pupils who have achieved a minimum of **L3-4**.

COURSE DESCRIPTION

The Leadership Award is presented by the SQA & **Chartered Management Institute**. Pupils explore their leadership styles and evaluate their experiences. Maturity is required when facing challenges.

Unit 1: **Leadership an Introduction** - Research into leadership styles, skills & qualities found in effective leaders. Detailed report on findings.

Unit 2: **Leadership in Practice** - Take a leading role in an activity and consider the factors involved, such as resources, people, time and possible risks. Then carry out the activity, monitoring progress and making changes as needed. At the end, review your experience, making conclusions about yourself as a leader.

One further unit:

Business Skills and Behaviours – Evaluate your own enterprise skills & behaviours. Create a plan to improve them and apply them to a business idea.

ASSESSMENT - There is no exam at end of the course.

The course is **internally assessed** in a range of ways:

- Portfolio Evidence
- Leadership Activity & Report

HOMEWORK

- research,
- skills development,
- event planning & evaluation.



CAREER INFORMATION

This Course or its Units may provide progression to:

- Level 6 Leadership
- Trainee Management positions, Politics, Armed Forces etc.
- Further Training in Business & Leadership