

DYCE ACADEMY



**S5-6 Subject Choice
Session 2020-21**

S5-6 COURSE CHOICE – 2020-2021

INTRODUCTION

This booklet aims to supply you with the necessary information to help you choose courses for your fifth and sixth year at school. It is important that you read the booklet carefully. As you will discover, choosing courses in the senior year is a rather different procedure to the last time you had to choose courses at the end of third year.

This booklet contains information on the following:

- Your Learning Agreement with the school
- What factors to consider when choosing your courses
- What level of course you should choose within a department
- The course choice process
- What is meant by Young Person Status
- Which courses are offered by each department in the school

Your Learning Agreement with the School

Entry to the senior school involves a commitment on the part of students to a worthwhile timetable; to attend classes; to be on time and to apply themselves to their studies and the life of the school.

As such you will be asked to sign a Learning Agreement with the school on your return to S5/6. By signing the Learning Agreement you accept the meaning of these conditions. It is important you realise this. The conditions may appear to be simple and obvious but their meaning is very important, particularly as you are in post-compulsory education.

If you break this agreement in any serious way, the school may review whether you should continue with your fifth or sixth year courses or if you should be asked to leave. It is in your best interests to take this contract between yourself and the school seriously.

The school will fulfil its part of the agreement by providing you with the opportunity to make the best use of your own talents and abilities. The agreement will work if you make the most of the opportunities that the school provides. You will be asked to sign the agreement for the following conditions:

Condition 1 – Attendance

- I will ensure that I attend school and all my classes unless I am medically unfit
- For unplanned absence (medical illness) I shall bring a note of explanation from my parents on the first day back
- A medical certificate is required for non-attendance at a Unit Assessment
- **For any absence other than medical I will seek permission from the school in advance**
- I will ensure that I am punctual to school in the mornings, afternoons and to all my classes
- If my attendance falls below 90% in any of my subjects, I may be withdrawn from presentation in the SQA examination in that particular subject

Condition 2 – Application to Study

- My study programme shall be 27 periods minimum for S5 and 23 periods minimum for S6
- I will ensure that I will do my best work at all times
- I will ensure that I bring to school all required books, resources etc for each of my subjects
- I will complete assigned homework accurately and promptly
- I will ensure that I meet deadlines for SQA folios, projects etc.
- I will ensure that I make sensible use of study time at school and at home
- If I fail to complete homework, meet deadlines without reasonable explanation or underachieve in any coursework or unit assessments I may be withdrawn from the presentation in the final SQA examination in that particular subject

Condition 3 – Expectations of Behaviour and Learning

- As a member of the senior school I will display a positive attitude to my learning and participation in classes
- I will pay attention in class and be respectful towards other pupils' learning
- In every other way I shall behave in a manner which is appropriate to a member of the senior school
- I will not undertake more than 10 hours paid employment per week, neither during the school day nor after 10.00 pm at night
- I will attend registration daily or as agreed with Guidance or the Depute Head Teacher in charge of S5/6

Young Person's Status

Most students who return to school for fifth or sixth year will be in the 16–18 age group and will have chosen, rather than be compelled by law, to attend school. You will be beyond the stage of compulsory education, unless, because of your age, you are a Christmas Leaver. The school hopes that you will accept the change in status and responsibility in a sensible way.

The 'Education Scotland Act' (1981) makes you responsible for your own decisions when you are over the age of sixteen. The act gives your rights as a 'Young Person'. This means that the school does not deal directly with your parents regarding any decisions about your education. We deal directly with you! We obviously hope that you and your parents will discuss school and agree on the decisions that you make.

All fifth and sixth years, including those who are not yet sixteen, are treated as 'Young Persons' by the school. The school feels that it is fairer to treat all senior students in the same way.

The school is obliged to keep your parents/guardians informed of all major decisions regarding your education. They will be sent a copy of your timetable after the summer holidays and should there be any problems with your attendance, attitude to work or your behaviour we will inform them and ask for their assistance.

Parents/guardians will receive Report Cards and Progress Alerts where necessary. They will be invited to come to Parents' Consultation Meetings as in previous years.

If for any reason you want to attend a different school, you are free to do so subject to the constraints of the Education (Scotland) Act 1981 - 'The Parents Charter.'

The Course Choice Process

Choosing your courses for fifth or sixth year is really a two-stage process.

You will be asked to start to consider the courses you may wish to take in mid February. This may seem early but it is important for the following reasons. Firstly, it is important to start thinking about your future at school and to consider your long term career plans. You will have completed your estimate exams so should have a good idea of how you expect to do in the final examinations in May. Secondly, it helps the school plan the timetable for next session. An individual interview with your PT Pupil Support (Guidance) will be arranged to discuss your course choices.

A Course Choice Form will be issued in March to be returned before the Easter holidays. Attached to the Course Choice Form will be a sheet to be signed by teachers confirming whether or not you have the entry qualifications for particular courses and if you are choosing the correct level of study.

Another interview may be arranged with your Guidance Teacher if there are concerns or problems with your course choice. It must be remembered that due to the constraints of timetabling and staffing it may be necessary for you to make revised choices in May.

New courses start early in June once the exams are over.

It may be that your definite choice will have to be reviewed when you return to school after the summer holidays. Your exam results might mean that amendments to your choice may be necessary.

All fifth year students must select from 5 columns – 5 qualifications

All sixth year students must select from 5 columns – 4 qualifications, 1 vocational/interest course

All S6 students have the opportunity to negotiate a coherent and purposeful timetable aligned to future aspirations, which could include supporting departments and other personal development opportunities.

All S6 students should plan to complete a full academic year, in the understanding that dropping out of courses is recognised by many Universities as a negative indicator of student perseverance. **Students who drop below three academic subjects will be asked to consider an alternative to school.**

Use the contents of this booklet to help you find the courses that you are interested in following next year.

Factors to Consider

When you are making your choices there will be many factors for you to consider. The following questions are some of the main things you should think about as you consider your choices:

- What job, course, career am I aiming for?
- What are the entry requirements?
- How do I realistically expect to do in my examinations this year?
- If I have to return to school because of my age, what can I get out of this extra time?
- Do I plan to stay on for the whole year, until Christmas or for two more years?

- What advice have I been given by teachers, careers advisers and parents?
- Am I being realistic about my plans?

Entry Requirements for Advanced Higher Courses

The Entry Requirement for Advanced Higher course is a pass at grades A-C at Higher in the relevant subject

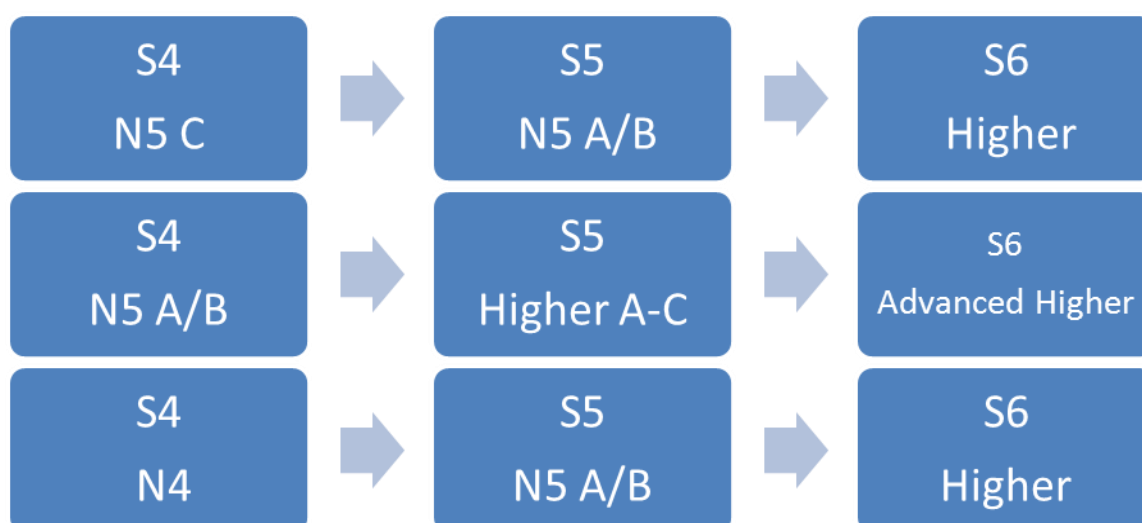
Entry Requirements for Higher Courses

In order to support the best possible chance of success at Higher level the entry requirement for Higher courses is a pass at A or B at National 5 in the relevant subject.

A pass at National 5 C may be considered in certain circumstances. This will be dependent on consideration of the combination of subjects and levels you will be studying during the session, agreement with the relevant Faculty Head and negotiation with your PT Pupil Support (Guidance). Decisions will be reached to ensure the best possible chance of student success across all of their choices.

In some circumstances a student can access a Higher course in a subject they have not done at National 5 level. Entry is dependent on the grades achieved in related subjects at National 5, agreement with the relevant Faculty Head and negotiation with your PT Pupil Support (Guidance).

Typical Progression Routes



Choosing Course Levels

- 1 **Advanced Higher** courses are for 6th year students who have achieved Higher Grade in that subject. They are very demanding courses which require a lot of self-motivation and a willingness to work independently. You should have achieved an A or B Grade at Higher.
- 2 **Higher** courses are for students who have achieved **National 5** in a National Qualifications course. It is important to be aware that Higher courses are a big step up

from Nationals. Highers are one year courses starting in June with examinations the following May. When all of the holiday weeks and estimate exam periods are taken out of this time you are left with just over two full terms to complete the course work. The course is intensive and you must be prepared to work very hard indeed.

- 3 **National 5** courses are for students who achieve **National 4** in a National Qualifications course. If you successfully complete a National 5 course then you can proceed to take the Higher course in that subject. These courses are usually a suitable starting point if you have not studied the subject before.
- 4 **Free Standing National units** or course units from National Qualifications described above can be selected to complement subject choice. Many offer the chance to learn or develop useful practical skills such as word processing, sport and fitness, computing, woodwork, technical skills or artistic skills such as photography. Many students take these courses out of interest.

You will be asked to confirm with the Faculty Head of the Department as to whether or not you are choosing the right course at the right level.

Assessment

National Qualification courses are assessed with an end of year external examination and/or externally assessed coursework assessment. Dates for assessment throughout the course will be set by subject teachers. Students should aim to ensure a high standard of work and work ethic through the entire course.

Tracking your Progress

Your PT Pupil Support (Guidance) staff will be informed of any progress concerns from class teachers. They will contact your parents/guardians informing them of the situation.

Continued concerns may require you to be given some options. If a suitable course or space is available you will be given the opportunity to change level after discussion with your Guidance teacher. **No changes to your course should be made until you have gone through the appropriate channels - first Guidance, then Mrs Jamieson.**

Remember, if you are struggling, speak to staff and your Guidance Teacher. They are there to help you. Deal with the situations as they arise and don't put off problems until they become unnecessarily complicated. Very few students find the first few months easy.

In the Autumn term, your teachers will consult with you and negotiate your target grade for each subject. These grades will reflect what we feel you are capable of achieving. These target grades will be sent home on the first parental report.

Your progress will be monitored and reviewed throughout the session to ensure that you are supported. Progress Alert letters will be sent to your parents where necessary and there will be opportunities for discussion at the S5-6 Parents' Consultation Evening.

Course Awards

Successful completion of the mandatory units and/or coursework for each subject and success in the final SQA examination will determine the level of award. These range from Grade A to D. Grade D is for candidates who have achieved between 40% and 49%.

Core Skills

Core Skills are essential if individuals are to meet both their personal needs and the needs of society. Individuals who can analyse and solve problems, communicate well, use information technology and work with others effectively. These individuals are well-equipped to assume the active, flexible and responsible role which modern workplaces need and society expects.

The certificate that you gain at the end of each examination year shall provide you with information on attainment in the following areas:

Core Skills

- Communication
- Numeracy
- ICT
- Problem Solving
- Working with Others

Core skills have been incorporated into National units and courses so they will be a normal part of teaching, learning and assessment. You will gain credit for achieving core skills at different levels and this will be recorded on your SQA certificate.

Dyce Academy and Bucksburn Academy Link

Dyce Academy and Bucksburn Academy have a long established and successful link that allows students at both schools a wider choice of course combinations than either school could provide on their own. In several subjects the departments at both schools share the teaching of the course. In other subjects, departments from each school rotate the level or subject offered. It is likely that at some point in your senior years you will be taught at Bucksburn Academy.

There is a free shuttle bus which runs between the two schools each period. The times of the shuttle are displayed in the S5-6 Common Room and noticeboards. Two buses operate in the morning to get students across for first period. Thereafter, one bus makes the run between the two schools at each break.

If a pupil misses the shuttle it is the pupil's responsibility to get themselves to Bucksburn Academy for class. It is not an acceptable reason for being absent to say that you missed the shuttle bus.

Communication regarding pupil progress is on-going between the two schools. Parents of pupils attending Bucksburn Academy as part of the link will receive communications from Bucksburn Academy including pupil reports and an invitation to Parent's Evening. Students attending Bucksburn Academy will also have target grades set for subjects studied.

Aberdeen City Campus 2020-2021

The Aberdeen City Campus aims to maximise the number of appropriate learning opportunities and experiences for the young people of Aberdeen. Pupils will be offered an enhanced choice of subjects that will increase their breadth of education further to that already on offer in their own school or school consortia. The City Campus provides greater diversification, including courses run by other educational training providers, to meet the needs of individuals in a changing educational environment.

An Aberdeen City Campus class is one that is open to pupils from all of the Secondary schools in the city.

Current partners in delivering the City Campus are –

- North East Scotland College
- The EAL (English as an Additional Language) Service
- Citymoves Dance Agency

City Campus courses are offered on Travel Afternoons:

Afternoon Pair 1: Monday and Wednesday
Afternoon Pair 2: Tuesday and Thursday

Provision of Courses

Courses are provided at different SCQF levels to support the Senior Phase Curriculum.

Application Procedures

Courses at Aberdeen City Campus require an ACC City Campus Application to be completed – arrange with your Guidance Teacher

Courses run by NESCOL require an online NESCOL Application to be completed – arrange with your Guidance Teacher

A Course Choice Booklet detailing Aberdeen City Campus Courses will be available from Guidance staff and on the school website.

FA = Foundation Apprenticeship
NPA = National Progression Award

H = Higher
SfW = Skills for Work

COURSES AT ABERDEEN CITY SECONDARY SCHOOLS

Travel Afternoon - Monday/Wednesday	Travel Afternoon - Tuesday/Thursday
Biology AH (AGS)	Chemistry AH (St Machar)
Drama AH (AGS)	English AH (AGS)
Geography AH (AGS)	French AH (Hazlehead – Tues only 1.55-3.35 pm)
History AH (AGS)	History AH (AGS)
Mandarin AH (Oldmachar)	Mathematics of Mechanics AH (Harlaw)
Modern Studies AH (AGS)	Physics AH (AGS)
Moving Image Arts AS Level (SHMU, Woodside)	
Physics AH (Harlaw)	
Computing Science H (AGS)	Accounting H (AGS)
Dance H (Citymoves)	Chemistry H (St. Machar)
French H (Hazlehead – M: 1.55-3.35 pm; W: 1.00-2.45 pm)	FA Health and Social Care (St Machar)
German H (Hazlehead – M: 1.55-3.35 pm; W: 1.00-2.45 pm)	FA Social Services Children & Young People (St Machar)
Mandarin H (Oldmachar)	
FA Scientific Technologies (St Machar – M: 2.00-3.40pm; W: 1.10-2.50 pm)	
Gaelic N5/H (Hazlehead – Mon & Wed 1.00-2.45 pm)	ESOL (English for speakers of other languages) N5 / H (EAL service taught at Harlaw)
Mandarin N5 (Oldmachar)	
	Gaelic learners N4/5 (Hazlehead)

COURSES AT NESCOL

Course Title	Venue	Timetable
C&G Lv 1 Hairdressing	Gallowgate	Monday and Wednesday 1400 - 1630
C&G Lv 1 Hairdressing	Gallowgate	Tuesday and Thursday 1400 - 16.30
C&G Lv 1 Beauty Therapy	Gallowgate	Tuesday and Thursday 1400 - 16.30
SfW N4 Uniformed Services	Gallowgate	Tuesday and Thursday 1400 - 16.30
NPA SCQF Level 6 Exercise and Fitness Leadership	Gallowgate	Monday and Wednesday 1400 - 1630
SfW N5 Early Education & Childcare	Gallowgate	Monday and Wednesday 1400 - 1630
SfW N5 Early Education & Childcare	Gallowgate	Tuesday and Thursday 1400 - 16.30
SfW N5 Health Sector	Gallowgate	Monday and Wednesday 1400 - 1630
SfW N5 Laboratory Science	Gallowgate	Monday and Wednesday 1400 - 1630
NPA Cyber Security	Gallowgate	Monday and Wednesday 1400 - 1630
Higher Computing Science	Gallowgate	Tuesday and Thursday 1400 - 16.30
STEM College Certificate Course	Altens Campus	Tuesday and Thursday 1400 - 16.30
SfW N5 Engineering	Altens Campus	Tuesday and Thursday 1400 - 16.30

Course Title	Venue	Timetable
NPA Level 4 Construction Crafts	Altens Campus	Tuesday and Thursday 1400 - 16.30
C&G Intro to Vehicle Technology	Altens Campus	Monday and Wednesday 1400 - 1630
N5 Craft Maths	Gallowgate	Monday and Wednesday 1400 - 1630
SfW Travel and Tourism	Gallowgate	Monday and Wednesday 1400 - 1630
Higher Psychology	Gallowgate	Monday 1400 - 1700
Higher Psychology	Gallowgate	Wednesday 1400 - 1700
Higher Psychology	Gallowgate	Thursday 1400 - 1700
N5 Psychology	Gallowgate	Monday and Wednesday 1400 - 1630
Higher Sociology	Gallowgate	Monday 1400 - 1700
Higher Sociology	Gallowgate	Tuesday 1400 - 1700
Intro to Social Sciences and Criminology SQA Units Level 5	Gallowgate	Tuesday and Thursday 1400 - 16.30
NPA Level 6 Criminology	Gallowgate	Monday and Wednesday 1400 - 1630
NPA SCQF 5 Photography	Gallowgate	Monday and Wednesday 1400 - 1630
NPA Level 6 Art and Design: Digital Media	Gallowgate	Tuesday and Thursday 1400 - 16.30
SQA Units at SCQF 6 in Intro to Fashion Business	Gallowgate	Monday and Wednesday 1400 - 1630
SQA Units at SCQF 6 Creative Textiles and Garment Manufacture	Gallowgate	Tuesday and Thursday 1400 - 16.30
FA Accountancy (1 year model)	Gallowgate	Monday and Wednesday 1400 - 1700 + Placement Day
FA Accountancy (2 year model)	Gallowgate	Monday and Wednesday 1400 - 1700
FA Business Skills (1 year model)	Gallowgate	Monday and Wednesday 1400 - 1700 + Placement Day
FA Business Skills (2 year model)	Gallowgate	Monday and Wednesday 1400 - 1700
FA Children and Young People (1 year model)	Gallowgate	Tuesday and Thursday 1400 - 1700 + Placement Day
FA Children and Young People (2 year model)	Gallowgate	Tuesday and Thursday 1400 - 1700
FA Social Care and Healthcare (1 year model)	Gallowgate	Monday and Wednesday 1400 - 1700 + Placement Day
FA Social Care and Healthcare (2 year model)	Gallowgate	Monday and Wednesday 1400 - 1700
FA IT Hardware/System Support (2 year model)	Gallowgate	Monday and Wednesday 1400 - 1700
FA IT Hardware/System Support (1 year model)	Gallowgate	Monday and Wednesday 1400 - 1700 + Placement Day
FA IT Software (2 year model)	Gallowgate	Tuesday and Thursday 1400 - 1700
FA IT Software (1 year model)	Gallowgate	Tuesday and Thursday 1400 - 1700 + Placement Day
FA Engineering - Electrical (2 year model)	Altens Campus	Monday and Wednesday 1400 - 1700
FA Creative and Digital Media (1 year model)	Gallowgate	Monday and Wednesday 1400 - 1700
FA Creative and Digital Media (2 year model)	Gallowgate	Monday and Wednesday 1400 - 1700
FA Creative and Digital Media (1 year model)	Gallowgate	Tuesday and Thursday 1400 - 1700
FA Creative and Digital Media (2 year model)	Gallowgate	Tuesday and Thursday 1400 - 1700

Transport Procedures

Students will travel to the courses on the travel afternoons using public transport. The classes in Aberdeen Grammar School, Harlaw Academy and the Aberdeen College's Gallowgate Campus can be reached with one bus journey as they are all located within the city centre. The pupils attending courses delivered in Aberdeen College's Altens Campus will need to make the journey using 2 different bus services. Currently bus passes are provided.

Pupils taking part in the Aberdeen Senior School Campus which involves the delivery of courses at Aberdeen College, Aberdeen Grammar School or Harlaw Academy will be required to complete an Aberdeen Senior School Campus Application form online. Your Guidance teacher will help with this.

Scholar

Scholar is an electronic college provided by Heriot Watt University and financed by Aberdeen City Council. Those of you who study Higher or Advanced Higher courses in Mathematics, Information Systems, Chemistry, Physics, Biology, Business Management, Accounting, Spanish and French will be provided with a password that will allow you internet access to the program. The program provides students with extensive study support. The range of courses on offer is increased annually and this year also includes many N5 courses.

Careers and Further Education

Careful thought should be given to important decisions that have to be made at this stage. Our Careers Adviser is in school one day each week to offer advice on work, training, further and higher education. Working closely with Guidance Staff, Senior Staff and appropriate classroom teachers she provides a valuable information service to provide help with career plans.

Competition for jobs and places on courses is becoming increasingly tougher. You must find out as much as you can about possible jobs or educational programmes to help you make your decisions. The school will do all it can to help you decide on your career. You can, through your Guidance teacher, request an appointment with the School Careers Adviser or you can telephone the Careers Office on 01224 285200 or Freephone 0800 454499.

If you have ambitions to continue studies after school and intend applying for a degree course, applications through UCAS must be completed before the end of November in your final year. It is important that you consult the appropriate prospectuses available online. Please remember that the entrance qualifications are a minimum and may not guarantee entry. For many college courses the earlier you apply the better chance you have of gaining consideration for entry. It is your responsibility to make sure applications are done in good time.

Educational Maintenance Allowance (EMA)

This is a weekly payment worth up to £30 for students who are planning to continue in full time education.

You could get an EMA if you are aged between 16 and 18 and your household income is £24,421 or below (correct as of February 2020). This is paid direct to your bank account and is in addition to other supports and benefits provided by the government. It will not affect your parents' Child Benefit. It won't affect any money you earn from a part time job.

Further information on the EMA and on how to apply will be available before you finish fourth year from your Guidance teacher or Mrs Jamieson. Application packs will be available from the school office. More information is available from www.mygov.scot/ema

PERSONAL AND SOCIAL EDUCATION (PSE)

Each S5 and S6 student will attend Personal and Social Education classes lasting 60 minutes each week. Your own guidance teacher will be involved in the delivery of PSE and by maintaining regular contact throughout the year, important administrative, personal guidance and careers information can be passed on.

A programme has been designed to allow all students the opportunity to develop in various aspects of their lives, such as:

- the development of personal qualities, skills and relationships
- the development of self-esteem and confidence
- making informed choices about education at school or continuing education after they leave
- making informed choices about work and training
- developing responsible attitudes and behaviour
- their general well-being in and out of school

The programme builds on what has already been learned and covers a number of topics and issues relevant to young adults. Speakers are invited to give talks about various subjects such as Driving Skills, Sexual Health, Alcohol Awareness, Mental Health, Interview Techniques, Life at University and Student Finance.

The S5 course includes:

- Careers – exploring different career routes and options at the end of S5
- Preparation for working life and how to cope with problems that may be encountered including personal safety
- Study skills
- Record of Achievement and Personal Statements
- Alcohol – visiting speakers
- College Speaker
- Driving – safety
- Health issues

The S6 course includes:

- Memory techniques and study skills
- Information about Further and Higher Education
- Applying for College and for University through UCAS
- Student Finance and Budgeting
- Updating of Progress File and Personal Statements
- Interview techniques
- Sexual health
- Personal Safety
- Independent Living
- Stress Management
- First Aid Refresher
- Health Choices
- Equal Opportunities

At the end of each year students are given the opportunity to evaluate the programme and make suggestions for any improvements or additions.

PHYSICAL EDUCATION

All S5 and S6 students are expected to participate in 60 minutes of recreational PE per week. This will appear on your timetable and is not part of the course choice process. Information on Core PE is available later in this booklet under the Physical Education Department entries.

RELIGIOUS, MORAL AND PHILOSOPHICAL STUDIES (RMPS)

Schools have a statutory obligation to provide RMPS to all pupils including S5 and S6. This will be delivered as a unit of work within PSE time and taught by RMPS staff.

COURSES AVAILABLE

The rest of this booklet contains details of the courses that might be offered by each department. It is important that you read these details carefully so that you know what you are taking on and to ensure that you are choosing courses you can cope with.

If you would like to know any more about any of the courses then you should speak to the Faculty Head/Principal Teacher of the department concerned.

Information is arranged alphabetically by department.

It is important to remember that if numbers are very low a course may not be viable, so will not run. As a result you may be required to amend your course choice. Your Guidance Teacher will discuss this with you.

ART AND DESIGN

ART & DESIGN – NATIONAL 5 AND HIGHER

Purpose of course:

The course provides opportunities for learners to be inspired and creatively challenged as they explore how to visually represent and communicate their personal thoughts, ideas and feelings through their work.

Course details: Assessment

Expressive Folio: 100 Marks (externally marked by the SQA.)

This folio helps learners to develop their personal thoughts and ideas in visual form with a critical understanding of artists' working practices and the social and cultural influences affecting their work. They will select stimuli and produce investigative drawings. They will explore **one line** of development using of a range of materials, techniques and/or technology in 2D and/or 3D formats. A final outcome will be produced.

Design Folio: 100 Marks (externally marked by the SQA.)

In this folio learners will plan, research and develop creative design work in response to a design brief. They will develop their problems solving and critical thinking skills as they consider complex design opportunities, and work to resolve design issues and constraints. They will develop critical understanding of designers' working practices and the social and cultural influences affecting their work. They will explore **one line** of development using of a range of materials, techniques and/or technology in 2D and/or 3D formats. A final solution will be produced.

Question paper (externally marked by the SQA.)

This focuses on the pupils' knowledge and understanding of artists' and designers' work and practice and completes the external assessment.

National 5: 1 Hour 30 Mins. (50 marks)

Higher: 2 hour (60 marks)

Progression:

Both courses are designed to provide progression to the Higher and Advanced Higher course respectively.

Entry Requirements

- **National 5:** National 4 Art and Design Course relevant component Units
- **Higher:** Learners will normally be expected to have attained skills, knowledge and understanding required by the experience gained through the National 5 Art and Design course or relevant component units. **It is strongly advisable that pupils who intend to undertake this course have achieved an A at National 5 Art & Design and acquired** (or intend to undertake) **English at Higher level.**

PHOTOGRAPHY – HIGHER

The course encourages learners to be inspired and challenged by visually representing their personal thoughts and ideas through the medium of photography.

Entry Requirements

Learners will normally be expected to have attained skills, knowledge and understanding required by the experience gained through relevant photography units, S3 photography course, NPA Photography, National 5 Art and Design course or relevant component units. It is advisable that pupils should have acquired (or intend to undertake) English at National 5 or **preferably** Higher level. It would be beneficial for pupils who intend to undertake the course, if they had regular access to either a Bridge or DSLR camera.

Course details

Learners will develop knowledge and understanding of image formation, camera controls, exposure and composition to use creatively for photographic effect.

They will explore and experiment with a variety of photographic techniques, technology and processes, and use their understanding and knowledge of the work of photographers when considering their own personal, creative approaches to photography.

Assessment

Practical Folio: External course assessment will be externally marked by the SQA. This will contain evidence of research and investigation, development of photographic approaches and techniques with production of 12 final images and a 500 word evaluation based on personal judgements. The project will have a total of **100 marks**

Question Paper (1 Hour) - 30 Marks: Multiple choice and extended response questions

Progression

The course or its units may provide progression to other qualifications in Photography, Art and Design or related areas, further study, employment and/or training.

ADVANCED HIGHER ART & DESIGN

This course is offered to pupils who have achieved the Higher and Design course with an **A** or **B** pass and whom teaching staff agree would be suitable to undertake the course in terms of work ethic, commitment and ability.

Course Details:

Practical Folio:

Learners will choose either an Expressive or Design route through the course, which involves selecting an area of personal study with relevant stimuli. Investigative research will be the starting point to further develop their ideas in more detail using a variety of approaches and demonstrating skill and understanding of materials / media and technique. They will produce a written critical analysis (up to 2000 words) on an artist(s) / designer(s) linked to their practical work. A minimum of 8 A1 / maximum of 16 A1 (*Equivalent*) sheets are required for the practical folio. A final 400 word evaluation is required.

Assessment:

Practical Folio externally assessed by the SQA and is worth 100 marks

Critical analysis: 30 marks

Practical Folio: 60 Marks

Evaluation: 10 Marks

Progression:

The practical work produced may be used as the basis for a portfolio and further study at an Art based College / University. The higher order thinking skills required for this course are transferable and valued in many different subject areas.

NPA 5 (NATIONAL PROGRESSION AWARD) ART AND DESIGN

Purpose of course:

This award provides opportunities for project based delivery, which can help learners to progressively build and develop key skills in Art and Design.

Course Details:

Unit 1: Drawing skills

The specific aim of the NPA in drawing skills at level 5 is to provide a structured award that creates opportunities for candidates to investigate, develop and refine drawing skills using a wide range of materials, techniques and subject matter.

Unit 2: Visual Communication

The specific aim of the NPA in visual communication at level 5 is to provide a structured award that creates opportunities for candidates to investigate, experiment and problem solve with traditional and digital media, as part of the design process.

Unit 3: Painting

The specific aim of the NPA in painting at level 5 is to provide a structured award that creates opportunities for candidates to investigate, develop and refine painting skills, as well as to acquire a basic understanding of colour theory. Practical and theoretical skills and understanding are developed by using a range of subject matter and a variety of materials and techniques.

Assessment:

All units are internally assessed against unit requirements – assessed on a unit – by – unit basis or combined – **assessed** on a **pass/fail** within centres.

Progression:

This course is designed to provide progression to the National 5, Higher and Advanced Higher courses respectively.

BUSINESS EDUCATION

National Progression Award in Computer Games Development at Level 5

This course will provide you with the skills, knowledge and understanding to create computer games using appropriate programming language.

Computer Games Design is a growing sector and the knowledge and skills gained by undertaking this qualification can help pupils gain insight into this fast paced and exciting industry. This qualification may be the start of a journey which leads to eventual employment in this industry. The NPA in Computer Games Development qualification also provides a range of vocational skills and life skills such as computer programming and problem solving skills.

This course is particularly suited to learners who wish to progress to Higher National Certificate (HNC)/Higher National Diploma (HND) in Computer Games Development.

Entry Requirements

While it is important that you discuss your choice with a member of the Enterprise and ICT Faculty, you will be expected to have attained a C for National 5 Computer Science. **If you have no previous Computing Science experience but are expecting or have a C for National 5 Maths, you may still be capable of studying at this level but you must discuss this with a member of the Faculty staff first.**

Course Details

The course consists of 3 Mandatory units.

Course Structure:

Computer Games: Design

This unit focusses on teaching pupils the skills to plan and design computer games using different game genres and platforms.

Computer Games: Media Assets

The purpose of this unit is to provide learners with a deeper understanding of the different types of media assets required for developing a computer game. Learners will develop knowledge and skills that will allow them to identify a range of legitimate methods for acquiring media assets and learn how to plan and produce media assets for use in a game development environment.

Computer Games: Development

The purpose of this unit is to allow learners to gain knowledge and acquire routine skills in developing a computer game using a game development tool or coding, importing appropriate media assets and testing and evaluation of the completed game.

Assessment

You will be assessed at the end of every unit. Assessment will be mainly of a practical nature.

There is no examination at the end of the year for this qualification.

Progression

Further qualifications such as H Computing Science.

COMPUTING SCIENCE – HIGHER

This course is designed to provide progression for pupils obtaining the National 5 qualification in Computing Science.

Why study Computing Science?

Computing Science is vital to everyday life — socially, technologically and economically. Computing is embedded in the world around us, from systems and devices in our homes and places of work, to how we access education, entertainment, transportation and communication. Understanding computational processes and thinking is also vital to many other fields including science, economics, business and industry.

While many students will want to become computing professionals, all will benefit from the development of these foundational skills and the underpinning knowledge necessary to meet the needs of society today and for the future.

The course aims to enable you to:

- Develop a range of computing and computational thinking skills, including: skills in analysis and problem-solving, design and modelling as well as developing, implementing and testing digital solutions across a range of contemporary contexts.
- Extend and apply knowledge and understanding of advanced computing concepts and processes, and the ability to apply this to a range of digital solutions with some complex aspects; and an awareness of the impact of computing technologies on the environment or society.
- Develop awareness of current trends in computing technologies and their impact in transforming and influencing our environment and society.
- Communicate advanced computing concepts and explain computational behaviour clearly and concisely, using appropriate terminology.

Related to these aims, and underlying the study of computing science, are a number of unifying themes, including technological progress and trends, the relationship between software, hardware and system performance, and information representation and transfer as a core component of any computation. These are used to explore a variety of specialist areas through practical and investigative tasks.

Entry Requirements

Pupils would normally be expected to have successfully completed Computing Science at National 5, attaining or expecting to attain a B or above. Any pupil who attains, or is expected to attain a C in may be recommended to take this course over 2 and complete the units only in S5.

Course Details

The revised Higher course has **four** Units.

Software Design and Development

The focus of this unit will be on developing skills and understanding of:

- Development methodologies, analysis & design

- Implementation - data types and structures, computational constructs, algorithm specification
- Testing & evaluation

Computer Systems

The focus of this unit will be on developing skills and understanding of:

- Data representation
- Computer structure
- Environmental impact
- Security risks and precautions

Database Design and Development

The focus of this unit will be on developing skills and understanding of:

- Analysis of functional requirements
- Design of a database solution
- Implementation, testing and evaluation of a database solution

Web Design and Development

The focus of this unit will be on developing skills and understanding of:

- Analysis of functional requirements
- Design a multi-level website
- Implementation of a website using HTML, CSS and Javascript
- Testing and evaluation of websites

Assessment

This course is assessed through a 110 mark external exam (69% of the marks) and a 50 mark course assessment (31% of the marks).

The 2 hour 30 minute exam will have two sections and is worth 110 marks: section 1 (25 marks); section 2 (85 marks) and will focus on problem solving and will be predominantly skills-based. Candidates will be assessed on the skills of analysis, design, testing and evaluation as well as skills of reading, understanding and explaining code.

The assignment will have 50 marks and will consist of a series of small, individual tasks that candidates can work through independently over the 8 hours allowed for completion. The assignment and will assess learners' skills in analysing a problem, designing a solution to the problem, implementing a solution to the problem, and testing and reporting on that solution.

Progression

- Further qualifications in the Enterprise and ICT Faculty such as Higher Administration & IT
- Continuing onto a further or Higher education course eg HNC/HND/Degree courses in a Computing related discipline
- A range of employment, apprenticeships or other training opportunities involving Computing technology

ACCOUNTING - HIGHER

This course will provide you with the skills, knowledge and understanding to make use of financial information. It will give you an understanding of the dynamic world of business by developing skills in communicating essential financial information, in a variety of ways, to the various stakeholders, ie interested parties, of an organisation.

Accounting is a key function in all organisations and you will learn to understand, and make use of, financial information to prepare accounting statements and to analyse, interpret and report on an organisation's financial performance.

Entry Requirements

While it is important that you discuss your choice with a member of the Enterprise and ICT Faculty, you will be expected to have attained a B in both National 5 Accounting and National 5 Mathematics. Any pupil who attains, or is expected to attain a C in National 5 Accounting will be recommended to take this course over 2 years and complete the units only in S5. **If you have no previous accounting background but have or are expecting a B in National 5 Maths, you may still be capable of studying at this level but you must discuss this with Mrs Jessamine first.**

Course Details

The course consists of 2 Units -

Financial Accounting (Higher)

In this Unit you will be studying:

- the preparation to prepare period-end financial statements for partnerships and public limited companies
- understanding of key financial accounting terms and knowledge of their application, in familiar and unfamiliar contexts

Management Accounting (Higher)

In this Unit you will be studying:

- how to prepare sales, production and relatively complex cash budgets and a range of cost statements
- understanding of key management accounting terms and knowledge of their application, in familiar and unfamiliar contexts
- understanding of a range of relatively complex analytical concepts used to assist financial decision making and knowledge of their application, in familiar and unfamiliar contexts

Assessment

You will also be assessed through a 120 mark accounting question paper (67% of overall grade) and a 60 mark accounting-related assignment (33% of overall grade). Both of these are set and marked by the SQA. The assignment will be done in class time but will be conducted under a high degree of supervision and control.

The question paper will be undertaken in the external examination diet and will last 2 hours 30 minutes. This question paper will have 2 sections – section 1 (80 marks) and section 2 (40 marks), consisting of mandatory questions.

In the assignment, candidates work through a series of tasks to research, process and prepare accounting information. The 2 hours 30 minutes allowed for completion must be completed in one sitting under a high degree of supervision.

Progression

- Further qualifications in the Enterprise and ICT Faculty such as Higher Business Management and Higher Administration and IT
- A range of HNC, HND and Degree courses in Accounting, Business and Administration
- A range of employment or training opportunities eg accounting posts

ACCOUNTING - NATIONAL 5

Why Study Accounting?

Financial pressures are one of the most common reasons for business failures; business needs employees who can analyse and interpret financial information, identify the profitability and security of a business as well as being able to manage budgets and control costs.

Accounting relates to many aspects of everyday life and therefore gives you experiences which are topical, and which develop skills for learning, life and work. The course will encourage you to think logically, and to apply accounting principles in your everyday life, thereby supporting your own personal financial security while preparing you for the world of work, or further study of accounting and other business-related disciplines. It deepens understanding of accountancy and highlights a range of accountancy-based career opportunities that are available within all business sectors. A large number of college and university courses with commercial aspects to them may assume prior knowledge of accounting.

Accounting would particularly suit students who enjoy, or wish to take advantage of, numeracy-based learning opportunities as well as those who like to apply their logical and analytical thinking.

Entry Requirements

Most pupils in S5 or S6 would be able to undertake this course, although National 4 Mathematics would be preferable.

Course Structure

The course comprises three units and throughout the whole course students will:

- Use ICT to produce and communicate accounting information
- Develop their knowledge and understanding of fundamental accounting concepts and theories

Preparing Financial Accounting Information

- Understand key Financial Accounting terms relating to the preparation of final accounts and use final accounts in familiar contexts
- Recording Financial Accounting transactions, preparation of financial statements and final accounts in order to determine business profits and costs

Preparing Management Accounting Information

- Preparing straightforward cash budgets and a range of straight forward cost statements
- Understanding key Management Accounting terms, and knowledge of their application in straightforward familiar contexts

Analysing Accounting Information

- Ability to interpret, analyse and evaluate a range of accounting information to assess the current financial position and success of a business
- Understanding a range of straightforward analytical concepts used to assist financial decision making and knowledge of their application in familiar contexts

Assessment

Assessment will be through a combination of a 2 hour final exam worth 130 marks (72% of overall mark) and a 50 mark practical accounting-related assignment, solving accounting problems (28% of the overall mark).

The final exam question paper will require demonstration of a depth of knowledge, understanding and skills accumulated from across the course, while the assignment will be a project where each student's work will be based on a real-life business context where they are required to combine their accounting knowledge and skills from across the course.

Progression

Students would be able to continue with Accounting at Higher in S6. Students may also wish to expand their knowledge by studying Business Management at National 5 or Higher, or Administration and IT at National 5 or Higher.

BUSINESS MANAGEMENT - HIGHER

Business plays an important role in society. We all rely on businesses to create wealth, prosperity, jobs and choices. Therefore, it is essential for society to have effective businesses and business managers if they are to sustain this role. The purpose of the Course is to highlight the ways in which organisations operate and the steps they take to achieve their strategic goals. This purpose will be achieved by combining theoretical and practical aspects of learning through the use of real-life business contexts. The skills, knowledge and understanding will be embedded in current business theory and practice and reflect the integrated nature of organisations, their functions and their decision-making processes.

A main feature of this Course is the development of enterprising and employability skills. You will be able to understand and make use of business information to interpret and report on overall business performance in a range of contexts. The Course therefore includes the study of organisations in the private, public and voluntary sectors, explores the important impact businesses have on everyday life, thereby giving you experiences which are topical and developing skills for learning, life and work that will be of instant use in the workplace. It is notable that a number of University and College courses include Business related modules and prior knowledge may be assumed and will be useful.

Entry Requirements

Pupils will have passed or are expecting to attain a B in National 5 Business Management and attained National 5 English.

Any pupil who attains, or is expected to attain a C in National 5 Business Management will be recommended to take this course over 2 years and complete the units only in S5. This advice applies also to S5 pupils who did not study the subject in S4.

S6 students may attempt this level without prior knowledge but would need to have passed National 5 English or be attempting Higher.

Course Details

The course consists of 3 units -

Understanding Business

You will extend your understanding of the ways in which organisations in the private, public and third sectors operate, carrying out activities that highlight the opportunities and constraints on these organisations in the pursuit of their strategic goals. This Unit also allows you to analyse and evaluate the impact that the external environment has on an organisation's activity, and to consider the implications of a range of external factors that affect an organisation's decision making.

You will be able to understand:

- the ways in which organisations satisfy customers' needs and contribute to generating wealth
- how opportunities and constraints impact upon business development
- key business theories and concepts, and knowledge of their application in familiar and unfamiliar contexts

Management of People and Finance

You will develop skills and knowledge that will deepen your understanding and critical awareness of the issues facing organisations in the management of people and finance. You

will carry out activities that will extend your grasp of relevant theories, concepts and procedures used in planning for an organisation's success, including leadership, motivation and finance. It also allows you to explain, analyse and evaluate relevant business information, in each of these contexts, relating to business structure and activity.

You will be able to show an:

- ability to analyse and evaluate relatively complex factors influencing both human resources and financial management and to suggest strategies for improved performance in these functional areas
- understanding of key business theories and concepts relating to human resource and financial management, and knowledge of their application in familiar and unfamiliar contexts

Management of Marketing and Operations

You will deepen your understanding of the importance to organisations of having effective marketing and operations systems. You will carry out activities that will extend your grasp of relevant theories, concepts and procedures used by organisations in order to improve and/or maintain quality and competitiveness. It will provide you with a firm grasp of the importance of satisfying both internal and external customers' needs, along with a critical awareness of the issues facing organisations in relation to marketing and operations.

You will be able to show an:

- ability to analyse and evaluate relatively complex factors influencing the management of marketing and operations and suggest strategies for improved performance in these functional areas
- understanding of key business theories and concepts relating to marketing and operations management, and knowledge of their application in familiar and unfamiliar contexts

Assessment

The final course assessment is a combination of a Business Management question paper and a business-related assignment.

Question Paper – 90 Marks

The question paper will require demonstration of a breadth of knowledge, understanding and skills accumulated from across the Course. The paper will consist of, a case study and a series of extended response questions, take 2 hours 45 Minutes and accounts for 75% of the overall grade.

Assignment – 30 Marks

The business-related assignment will extend business management knowledge, analytical, evaluative and decision making skills and will be sufficiently open and flexible to allow for personalisation and choice. Assignment research will be done in class time but pupils may also conduct research in their own time. The assignment is an independent piece of work with no assistance or advice from the teacher allowed. The assignment report write-up will be conducted under a high degree of supervision and control and accounts for 25% of the overall grade.

The assignment requires you to make decisions by applying relevant business concepts and theories to the context of the assignment, solve problems by applying relatively complex business ideas and concepts relevant to the context of the assignment, draw conclusions from business data, concepts and evidence from a range of sources and communicate business reasoning and conclusions with clarity

Progression

- Further qualifications in the Enterprise and ICT Faculty such as Higher Administration & IT and Higher Accounting
- HNC/D eg Business Administration
- Degree courses eg BA Business Management, BA Commerce
- A range of employment or training opportunities eg management trainee posts in retail or manufacturing organisations

BUSINESS MANAGEMENT - NATIONAL 5

Why Study Business Management?

This course introduces you to the dynamic, changing, competitive and economic environment of industry and commerce and its effect on society as well as allowing an understanding of the impact on ourselves.

These courses will develop skills in communicating and presenting business-related information and will enable you to succeed in life with determination and an ability to think logically. These skills will support you in becoming more confident, particularly regarding your own future education and place in the world of work. Understanding the economic and financial environment in which business operates will help you to contribute responsibly to society and by encouraging working with others, the course will help you to participate effectively in our ever-changing global business environment.

Studying Business and Business Management will allow you to make a positive and practical contribution to any organisation regardless of your career choice. You will develop transferable, enterprising, skills and attributes which enhance your employability. A large number of College and University courses will assume prior learning if they include Business, Finance and Economics units.

Entry Requirements

Most pupils in S5 or S6 would be able to undertake this course, although National 4 English would be preferable.

Course content

Understanding Business:

By looking at real life business situations, students will develop skills, knowledge and understanding relating to the role of business organisations and entrepreneurship in society. Students explore issues relating to the external environment in which organisations operate and their effects on organisational activity, decision making and survival.

Students will be able to:

- Understand how entrepreneurship supports business development, creating wealth and employment
- Explain how organisations contribute to generating wealth and satisfying customers' needs
- Describe key business terms and concepts, and knowledge of their application in familiar business situations

Management of People and Finance

Students will grasp theories, concepts and processes relating to Human Resources Management, allowing them to demonstrate an understanding of how to manage people in order to maximise their contribution to an organisation's success. Students will also follow basic theories, concepts and processes relating to financial aspects of business in preparing and interpreting financial information in order to solve financial problems facing businesses.

Students will be able to:

- Identify factors influencing both Human Resources Management and Financial Management, and draw conclusions on how to address issues arising from them

- Describe key business terms and concepts relating to Human Resource and Financial Management, and knowledge of their application in familiar business situations

Management of Marketing and Operations

Students will understand how Marketing can be used to communicate effectively with consumers, maximise customer satisfaction, and enhance competitiveness. Students will explore and identify the processes and procedures required to produce goods or services to an appropriate standard of quality.

Students will be able to:

- Identify factors influencing the management of Marketing and Operations, and draw conclusions on how to address issues arising from them
- Describe key business terms and concepts relating to Marketing and Operations Management, and knowledge of their application in familiar business situations

Assessment

National 5 Business Management is assessed through a 30 mark course assessment (25% of the marks) and a 2 hour external exam worth 90 marks (75% of the marks).

The exam will have two sections: section 1 will consist of 2 case studies each with a series of questions totalling 20 marks. Section 2 consists of 5 sections, based on each of the areas of study, each containing questions worth 10 marks

The assignment, conducted independently, will have 30 marks and students have to research the current effectiveness of a business activity and produce report which clearly communicates:

- Research carried out, justifying its purpose and value
- Impact on the organisation of the research evidence
- Identified areas for improvement of the business activity
- Recommendations to enhance the future effectiveness of the business activity
- Justifications for the recommendations made (with reference to the research undertaken)

Progression

Pupils attaining National 5 would naturally continue to Higher in S6. Some students may also wish to expand their knowledge by studying Accounting at National 5 or Higher, or Administration and IT at National 5 or Higher.

ADMINISTRATION AND IT - HIGHER

This course will enable you to understand the importance of administration and to use IT in administration-related contexts. The course will develop your advanced administrative and IT skills by using a range of software packages in an office environment. You will be able to develop your knowledge and understanding of administration in the workplace and to develop a range of advanced IT skills for processing and managing information. Furthermore, you will be able to develop a range of skills to communicate complex information effectively and to manage the organisation of events.

Entry Requirements

The practical based element of the course assignment is very challenging and while it is important that you discuss your choice with a member of the Enterprise and ICT Faculty, you will be expected to have attained National 5 Administration and IT at B or National 5 Computing Science at B.

National 5 Maths would also be a distinct advantage due to the demanding complex formulae and calculations required in the Spreadsheet and Database elements.

Any pupil who attains, or is expected to attain a C in National 5 Administration & IT will be recommended to take this course over 2 and complete the units only in S5. This course is not suitable for students attempting this subject for the first time who have no Administration or Computing background; **any pupil who would fall into this category should speak to Mrs Jessamine in the first instance.**

Course Details

The course consists of 2 Units -

Administrative Theory and Practice (Higher)

In this Unit, you will gain:

- knowledge and understanding of administration in the workplace and related aspects
- knowledge and understanding of effective teams and time and task management
- knowledge and understanding of the features of good customer care and the benefits of good, and consequences of poor, customer care

Applications in this Unit, you will be gain:

- skills using a range of complex functions of the following IT applications – word processing, spreadsheets, databases – to solve problems in an administration-related context
- skills analysing, processing and managing information in order to create and edit relatively complex business documents
- advanced skills in using IT to communicate information with others in administration-related contexts
- knowledge and understanding of barriers to communication and ways of overcoming them
- knowledge and understanding of how to maintain the security and confidentiality of information

Assessment

You will also be assessed by a combination of a question paper worth 50 marks (42% of overall grade) and a practical based assignment worth 70 marks (58% of overall grade). Both of these are set and marked by the SQA.

The 2 hour practical assignment will be completed before the exam diet, in class but will be conducted under a high degree of supervision and control.

The question paper will be undertaken in the external examination diet and will last 1 hour 30 minutes.

Progression

- Further qualifications in the Enterprise and ICT Faculty such as Higher Business Management and Higher Accounting
- A range of HNC, HND and Degree courses in Administration, Business and Accounting
- A range of employment or training opportunities eg administrative posts

ADMINISTRATION AND IT - NATIONAL 5

Course Description

Administration and IT will build the skills and knowledge that would be used by decision makers or for supporting management in organisations. This course develops real life skills that are essential in every workplace by offering engaging, motivating and relevant learning experiences through a range of theory and practical activities relevant to the world of work.

This course develops real life skills that are essential in every workplace by offering engaging, motivating and relevant learning experiences through a range of theory and practical activities relevant to the world of work.

Coursework will involve you learning to gather information and use technology to prepare, present and communicate your findings efficiently and professionally. This will include understanding how modern technologies – web conferencing, blogging and social networking have impacted on the modern workplace. Emerging technologies will be incorporated so as to ensure that the content remains current and relevant.

This is a course which develops skills and knowledge that will be valuable for all pupils regardless of ability and future career. You will develop a very good standard of skills to benefit you immediately, whether in employment, Further or Higher education and in your personal lives.

A significant number of job vacancies today require the use or understanding of ICT applications and most employees are expected to perform some administration duties. Colleges and Universities will also assume that applicants are competent in a range of ICT applications in order to present and communicate coursework in an appropriate manner beyond simple word processing.

Entry Requirements

Most pupils in S5 or S6 would be able to undertake this course although National 4 Mathematics would be an advantage due to the formulae and calculations in Spreadsheets.

Course Structure

Administrative Theory in the Workplace

- Learners will develop an understanding of key legislation affecting both organisations and employees
- The benefits to organisations of good customer care
- The skills, qualities and attributes required of administrators.
- Carrying out a range of administrative tasks required for organising and supporting events

IT Applications

- Developing learners' skills in IT, problem solving and organising and managing information to complete business tasks
- Using IT applications to create and edit business documents
- Emerging technologies may be incorporated so as to ensure that its content remains current and relevant Undertaking organisational tasks that would be required to support small scale projects and events

- Using IT for gathering and sharing information with others in administration-related contexts
- Developing an understanding of what constitutes a reliable source of information
- Identifying and using the most appropriate methods for gathering information
- Communicating information in the most effective, efficient and appropriate manner

Assessment

National 5 is assessed by a 3 hour, 70 mark integrated practical and theory based assignment as well as a 2 hour 50 mark practical question paper focussing on Database and Spreadsheet skills with some theory questions.

Progression

Learners who attain National 5 could progress to Higher in S6. This qualification will equip learners with skills and knowledge that will allow them to use ICT more efficiently if continuing in education as well as making a valuable contribution to any employment. The Higher course is aimed at developing the administrative skills and knowledge used by managers and senior support staff in the workplace. Both levels of qualification will equip learners with skills and knowledge that will allow them to use ICT more effectively if continuing in education as well as making a valuable contribution to any employment.

DRAMA

DRAMA – HIGHER

In Higher Drama students use the knowledge and understanding gained in the National 5 course to create original work and performance from text while gaining a depth of understanding about professional theatre and production skills. Students become theatre makers, designers, directors and actors, gaining a deeper insight into the key transferable skills needed for employment in the 21st century (Problem solving, Creativity, Analytic thinking, Collaboration, Communication & Ethics, action, and accountability.) Opportunity to enhance these skills as well as literacy and numeracy skills are provided through essay composition and practical production skills.

Entry Requirements

The entry requirement for this Course would be a pass at National 5 Drama or NPA Acting and Performance.

Pupils who have not completed the National course and have a pass in National 5 English at A or B and a strong interest in drama would also be considered.

Course Content

Students explore Acting Skills, Directing Skills and Production Skills throughout the year.

Drama Skills: In this unit students learn how to create, develop and present an engaging piece of theatre to a live audience. They will develop complex skills in playwriting, design and directing whilst keeping a folio of work that reflects their practice.

Production Skills: Students will work with text from the point of view of an Actor, Designer and Director. They will develop critical skills in enhancing these areas and work towards a sharing of work to an audience that brings a script to life. Students will be asked to attend the theatre to help with this unit but also to prepare them for the writing examination.

Assessment

Students sit two external examinations (one written and one practical).

Students will take part in a practical examination. They can choose to either be assessed as an Actor, Director or Designer. This is marked externally by the SQA by a visiting assessor. This is worth 60% of their overall mark and is assessed in March/April.

Students will sit a 2hr 30mins written paper. Part one will ask them to write a critical essay on a play text they have studied in class from the point of view of either an Actor, Director or Designer. Part Two will ask the student to write about their play text from a Production Skills point of view and Part Three will ask them to write an analytical essay on a production they have seen at the theatre; focussing on a set question by SQA. The Written paper is worth 40% of their overall mark and is assessed in May/June.

Progression

Advanced Higher Drama or Further and Higher Education.

ADVANCED HIGHER DRAMA

The Advanced Higher Drama course builds on the work done in National 5 and Higher Drama by engaging pupils in enhanced application of Drama and Production Skills, and by allowing students to expand study of their choice of specialism. The course also develops extensive knowledge and understanding of 20th century/contemporary theatre theory and practice and builds students' academic research skills and theatrical repertoire to facilitate their transition into further study.

Entry Requirements

A sound pass at Higher Drama or NPA Acting and Performance

Pupils who have not completed the National course and have a pass in National 5 English at A or B and a strong interest in drama would also be considered.

Course Content

The first two units will focus on enhancing skills developed during National 5 and Higher courses and will require the students to engage in their own independent research of theatre practitioners. Teachers will lead discussion and direction of practical work, but also allow students to use time in class to lead practical workshops and explore their ideas and research further with assistance when needed. As much of the work is self-directed and independent of the classroom environment, students will be required to demonstrate an even more mature approach to learning and initiative. They will require an enquiring, critical and problem-solving approach to their learning and build on their own experience of the Higher course. As well as this they will need to choose their own area of specialism according to their specific interest. They will be using academic research and analysis skills and complete regular written and practical assignments throughout the course.

Regular evaluative discussions will take place between teachers and students on a predominantly informal basis.

Assessment

Practical Examination: They can choose to either be assessed as an Actor, Director or Designer. This is marked externally by the SQA by a visiting assessor. This is worth 50% of their overall mark and is assessed in March/April.

Dissertation: Students will write a 4000 word essay that will be of interest to them looking at a performance related topic. This element carries **30 marks** and these are divided into three areas: A Analysing theory and performance examples that explore a chosen issue. B Synthesising by comparing and contrasting different ways the issue has been explored. C Expressing an argument developed as a through-line of opinion leading up to an evaluate conclusion. This is marked externally by the SQA

Assignment: Students will write a 20 mark essay and have 90 minutes to complete the assignment under controlled conditions. They will have an option of two questions. They will be able to use notes during the controlled write-up of the assignment.

ENGLISH

The main purpose of the English course is to provide learners with the opportunity to develop the skills of listening and talking, reading and writing in order to understand and use language. As learners develop their literacy skills, they will be able to process information more easily, apply knowledge of language in practical and relevant contexts, and gain confidence to undertake new and more challenging tasks in a variety of situations. Building on literacy skills, the course develops understanding of the complexities of language, including through the study of a wide range of texts. The course develops high levels of analytical thinking and understanding of the impact of language. (SQA: Course Aims 2012)

Entry requirements and progression:

- Advanced Higher: Pass at A or B Higher English.
- Higher English: National 5 pass A-C.
- National 5: Pass at National 4 or BGE level 4 D.

Course Details and Assessment

ADVANCED HIGHER ENGLISH (UNITS AND EXTERNAL ASSESSMENT)

The Course aims to provide opportunities for learners to develop the ability to:

- ◆ critically analyse and evaluate a wide range of complex and sophisticated literary texts, as appropriate to purpose and audience
- ◆ apply critical, investigative and analytical skills to a literary topic of personal interest
- ◆ create a range of complex and sophisticated texts, as appropriate to different purposes and audiences

Mandatory Units

Analysis and Evaluation (Advanced Higher)

Learners will provide evidence of their ability to analyse and evaluate complex and sophisticated literary texts. The purpose of this Unit is to provide learners with opportunities to develop the skill of critically responding to complex and sophisticated literary texts by applying knowledge of the various ways by which meaning is created, and by understanding critical concepts and approaches. Learners will also develop independent learning skills by selecting materials for research into an aspect or aspects of literature, formulating relevant tasks and researching primary and secondary sources. (SQA Jan 2016)

English: Creation and Production (Advanced Higher)

Learners will provide evidence of their ability to produce complex and sophisticated writing, and to critically reflect on its development. The purpose of this Unit is to provide learners with the opportunity to extend and refine their writing skills through the production of different types of writing. Learners will use language creatively for a variety of purposes and in a variety of forms. Learners will develop a range of skills necessary for the deployment of language to create effect, and critically reflect on the development of their writing. (SQA Jan 2016)

Course Assessment

External Assessment:

- A question paper through which learners will write a critical response on Drama or Prose or Poetry.
- Candidates will also undertake a Textual Analysis of an unseen text of Drama extract or Prose extract or Poetry.
- Candidates will demonstrate an in-depth knowledge and understanding of complex and sophisticated literary texts.

and

- A portfolio which will contain two pieces of writing)
- An Added Value area of research (dissertation)

****Candidates should be aware that updated information regarding the course structure for Advanced Higher English will be published in the coming months. However, there should not be any drastic difference to the above information.****

HIGHER ENGLISH (INTERNAL AND EXTERNAL ASSESSMENT)

As of 2018 the Higher English course is changing. The course will consist of 4 components:

Component 1: Question paper – Reading for Understanding, Analysis and Evaluation (30 marks)

Component 2: Question paper – Critical Reading (40 marks)

Component 3: Portfolio-writing (30 marks)

Component 4: Performance-spoken language (achieved/not achieved)

Course Assessment

The course will be assessed by a writing folio and the external examinations.

External Assessment

- Reading for Understanding, Analysis and Evaluation examination paper (**Component 1**) (30 marks weighting). This style of examination in English used to be known as *Close Reading*.
- A Critical Reading examination paper (**Component 2**) that will have the following two sections:
 - Part 1: Assessment on Scottish text (weighting 20 marks).
 - Part 2: A Critical Essay (weighting 20 marks).
- Portfolio of Writing (**Component 3**): initiated in school and completed during personal study time under controlled conditions and submitted to SQA for external assessment. (weighting 30 marks)

Internal Assessment

- Performance: Spoken Language (**Component 4**): assessed in school as part of a group discussion or individual presentation where pupils will demonstrate skills in Talking and Listening by preparing and delivering significant detailed information, respond to questions and/or take account of the contributions of others.
- Assessment for Performance: Spoken Language is **Achieved/Not Achieved** and is assessed by the teacher with SQA external verification.

NATIONAL 5 ENGLISH (INTERNAL AND EXTERNAL ASSESSMENT)

The course consists of 4 components:

Component 1: Question paper – Reading for Understanding, Analysis and Evaluation (30 marks)

Component 2: Question paper – Critical Reading (40 marks)

Component 3: Portfolio-writing (30 marks)

Component 4: Performance-spoken language (achieved/not achieved)

Course Assessment

The course will be assessed by a writing folio and the external examinations.

External Assessment

- Reading for Understanding, Analysis and Evaluation examination paper (**Component 1**) (30 marks weighting). This style of examination in English used to be known as *Close Reading*.
- A Critical Reading examination paper (**Component 2**) that will have the following two sections:
 - Part 1: Assessment on Scottish text (weighting 20 marks).
 - Part 2: A Critical Essay (weighting 20 marks).
- Portfolio of Writing (**Component 3**): initiated in school and completed during personal study time under controlled conditions and submitted to SQA for external assessment. (weighting 30 marks)

Internal Assessment

- Performance: Spoken Language (**Component 4**): assessed in school as part of a group discussion or individual presentation where pupils will demonstrate skills in Talking and Listening by preparing and delivering significant detailed information, respond to questions and/or take account of the contributions of others.
- Assessment for Performance: Spoken Language is **Achieved/Not Achieved** and is assessed by the teacher with SQA external verification.

NPA JOURNALISM (SCQF LEVEL 6)

The National Progression Award in Journalism at SCQF level 6 is an introduction to journalism. The course is designed to focus on the key journalistic skills of research and writing with an emphasis on sourcing original content in an interview context.

Course Structure NPA Journalism consists of 4 units.

- 1. Media: Research and Interview Skills for Journalism** - This is a practical Unit in which pupils will have the opportunity to carry out secondary research and primary research in the form of an interview. Pupils will select an interviewee; organise and conduct an interview out with school.
- 2. Media - News Writing for Print** – Pupils will investigate the key components of news articles. Pupils will use this knowledge to conduct primary research and write their own news articles for the Dyce Update.
- 3. Media: Feature Writing** - Pupils will investigate the key components of feature articles in newspapers and magazines. Pupils use this knowledge to research and produce a feature articles.
- 4. Media: Page Layout and Design for Print** - This is a practical Unit in which pupils will have the opportunity to plan and produce a magazine based on their feature articles.

This course is completed and assessed in class, therefore a high level of attendance is required.

The aim of this course is to prepare pupils for the world of work and there is an emphasis on meeting tight deadlines, resilience and working independently

Entry requirements: Pupils should have achieved a minimum qualification of English National 5 to be successful in this award.

HOME ECONOMICS

HOSPITALITY: PRACTICAL COOKERY – NATIONAL 5

Suitable for students who are interested in food and cooking and who enjoy being imaginative with food. It would be of particular value to those considering working in the food or hospitality industries or any student keen to further develop their creative culinary skills.

Entry Requirements

Entry is at the discretion of the Home Economics Department. The course would be suitable for any student who has a genuine interest in food, cooking and a willingness to work hard.

Course Details

The course is practical in nature allowing students to develop a range of cookery skills and food preparation techniques, as well as planning, organisational and time management skills. Students will acquire knowledge of ingredients, their uses, the importance of responsible sourcing of ingredients and of current dietary advice.

Assessment

1 hour written Question paper

Written preparation for practical exam

Practical Exam – students will complete a two and a half hour practical exam, where they are required to produce a three course meal.

The course is graded A to D.

Progression

- National 5 Cake Decoration
- National Certificate or Degree courses related to Food Technology and Hospitality.
- A range of employment or training opportunities within the Hospitality and Food industry.

A charge is made towards the cost of ingredients.

HOSPITALITY: PRACTICAL CAKE CRAFT – NATIONAL 5

Suitable for students with an interest in baking and cake decorating. Students will develop their creativity and technical skills through the production of special occasion cakes and baked products. The course is practical and experimental in nature allowing students to work with a variety of finishes and decorative techniques.

Entry Requirements

- An interest in cake production and design
- A patient approach to acquire and develop new skills
- Willing to work to a high standard

Course Details

The course aims to enable candidates to:

- Acquire knowledge and understanding of methods of cake production
- Develop knowledge and understanding of functional properties of ingredients used in cake production
- Develop technical skills in cake baking and cake finishing
- Follow safe and hygienic working practices
- Develop their knowledge and understanding of cake design and follow trends in cake
- Acquire and use organisational skills in the context of managing time and resources

Assessment

The course assessment has three components:

Component 1: Question paper – which will assess knowledge and understanding

Component 2: Assignment – written and design preparation for the final cake also end evaluations

Component 3: Practical activity – Producing and finishing a special occasion cake

The course is graded A –D

Progression

- National 5 Hospitality – practical cookery
- National Certificate or Degree courses related to Food Technology and Hospitality.
- A range of employment or training opportunities within the Hospitality and Food industry.

A charge is made towards the cost of ingredients.

MATHEMATICS

Students in S5 and S6 may select to study mathematics courses at either: National 5, Higher or Advanced Higher Levels. Further information on each course, including details on entry requirements, course content, assessment and progression is provided below.

MATHEMATICS – NATIONAL 5

This is a one year course to enable students to continue their study of Mathematics beyond National 4 level. This is a challenging course for students who have been successful at National 4. It demands a very high level of commitment throughout the session both in class and at home.

Entry Level Required

National 4 level pass. Please note that candidates who have struggled to pass the Nat 4 units or Added Value may be less likely to achieve at National 5.

Course Content

The National 5 Mathematics course consists of a course assessment comprising a final exam and covers the main maths topics of

- Algebra
- Geometry
- Trigonometry

Assessment

The final course assessment is set by the SQA and consists of two papers (non-calculator and calculator). Successful completion of the final exam provides the candidate with certification of the qualification of National 5 Mathematics. As with all subjects, courses at National 5 level are graded A-D. Pupils will also complete internal assessments to monitor progress throughout the year.

Progression

Pupils achieving a pass at National 5 Mathematics in S5 may progress to Higher in S6.

MATHEMATICS - HIGHER

This is a one year course to enable students to continue their study of Mathematics beyond National 5 level. This is a challenging course for students who have been successful at National 5. It demands a very high level of commitment throughout the session both in class and at home. Much of the course depends upon a sound knowledge of National 5 level work.

Entry Level Required

National 5 level pass (A – C). Note however that pupils with Grade C, at National 5 are unlikely to cope with the demands of the course.

Course Content

The Higher Mathematics course consists of a course assessment comprising a final exam. Four branches of mathematics are studied:

- Algebra
- Calculus
- Geometry
- Trigonometry

Assessment

Assessment of the Higher course consists of a final exam. The exam consists of two papers, non-calculator (70 marks) and calculator allowed (80 marks). Both papers include a selection of short and extended response questions.

Progression

Pupils achieving a pass at Higher may progress to Advanced Higher in S6.
University courses in Mathematics, Science and Engineering.
HND/HNC courses involving mathematics.

MATHEMATICS – ADVANCED HIGHER

This is a one year course for those students who coped comfortably with the Higher course in S5 and who wish to “advance” their mathematics beyond this level. This is a challenging course for students who have been successful at Higher. It demands a very high level of commitment throughout the session both in class and at home.

Entry Level Required

Higher pass at grades A, B or C. Note however that pupils with Grade C in Higher are unlikely to cope with the demands of the course.

Course Content

The Advanced Higher Mathematics course consists of three units, and a course assessment consisting of a final exam:

- Methods in Algebra and Calculus
- Applications of Algebra and Calculus
- Geometry, Proof and Systems of Equations

Assessment

Assessment of the Advanced Higher course consists of an external final exam. The final exam consists of two papers with a non-calculator element lasting one hour and a calculator element lasting 2hrs 30 mins.

Progression

University courses in Mathematics, Science, Technology and Engineering.
HND/HNC courses involving mathematics.

PERSONAL FINANCE AWARD – NATIONAL 5 LEVEL

This is a one year course aimed at covering a range of financial topics and issues that young adults may become aware of as they move into the world of work or further study.

Pupils may also have the opportunity to progress with Numeracy or Mathematics beyond National 4.

Entry Level required

Pupils must have a pass at Mathematics – National 4 and English – National 4 is also recommended.

Course content

- Financial risk and security
- Income and deductions
- Bank accounts and borrowing
- Household budgeting
- Interest rates and the effect of fluctuations

Assessment

All assessments are conducted electronically and continuously throughout the year.

MODERN LANGUAGES

SPANISH - HIGHER

The Higher Spanish course is designed to extend the knowledge and skills acquired at N5.

Entry Requirements

Students opting for this Higher course must have a National 5 pass in Spanish.

Course details

The course comprises 2 units, Understanding Language and Using Language. In the Understanding Language unit, the skills of Listening and Reading are developed. In the Using Language unit, the skills of Talking and Writing are developed.

Assessment

The Understanding Language unit of the course is tested through the formal SQA exam. The Using Language unit is tested by way of a formal speaking test completed and marked in school with the Writing element tested by means of an Assignment completed in school but marked by the SQA.

Progression

Students who pass the Higher exam with a grade A or B can continue to study the subject at Advanced Higher level.

SPANISH - NATIONAL 5

In S5 and 6 pupils will have the choice of studying Spanish at National 5 level.

Entry Requirements

Pupils opting for this National 5 course must have studied a Modern Language up to S3 and should have continued to revise their knowledge of the language since S3.

Course details

The course comprises 2 units, Understanding Language and Using Language. In the Understanding Language unit, the skills of Listening and Reading are developed. In the Using Language unit, the skills of Talking and Writing are developed.

Assessment

The Understanding Language unit of the course is tested through the formal SQA exam. The Using Language unit is tested by way of a formal speaking test completed and marked in school with the Writing element tested by means of an Assignment completed in school but marked by the SQA.

Progression

Students who pass the National 5 can continue to study the subject at Higher level.

MUSIC

MUSIC – ADVANCED HIGHER

Entry Requirements

This course is suitable for pupils at Grade 5 and above in 2 instruments. The course has a degree of self-learning and research and is therefore more suited to an independent learner. Outside of taught periods candidates will receive individual tutorial style sessions with the teacher. A good level of work in English is advised to be able to complete the Coursework Assignment. Higher English and Music would be a good benchmark.

Recommended that candidates have, where possible, their chosen instrument at home for practice and homework for best attainment.

Course Details

The course consists of 4 components:

- An Understanding Music unit, which consists of recognition of instruments/styles/forms as well as musical concepts, literacy and short essays detailing understanding of cultural and social links within particular styles or periods of music. This leads to the question paper which is sat during the exam diet and contributes to 35% of the final mark.
- An externally assessed coursework assignment which consists of one composition between 1 minute and 4 minutes 30 and an analytical essay. The essay will which explores the key features and compositional methods of one piece of music, demonstrating evidence of in-depth study and the ability to display critical thinking. The coursework assignment contributes to 15% of the final mark.
- 50% of the Advanced Higher course consists of practical work on 2 instruments (or 1 instrument and voice), leading to a practical program of 18 minutes which will be externally assessed. The practical requirements look at your ability to both perform on your chosen instruments/voice and also your ability to plan a program of appropriate length. Each term all pupils are required to give live performances in front of the class and/or staff members as part of the self-evaluation and target setting process. All performances for internal assessment must include an 'audience' of a least 1 person (in addition to the assessor) and candidates should provide a critical self-reflection (without prompt) of their performance.
- If a candidate chooses not to perform on a second instrument, they can choose the portfolio option. This requires a minimum of two compositions with a minimum total duration of 6 minutes. Portfolio candidates will also be required to complete the composition which forms part of the coursework assignment task.

MUSIC - HIGHER

Entry Requirements

This course is suitable for pupil at Grade 4 standard on 2 instruments. Ability to engage in independent practice and set short-term targets is essential.

Recommended that candidates have, where possible, their chosen instrument at home for practice and homework for best attainment.

Course Details

The Higher course consists of 3 components:

- 50% is built up of practical work on 2 instruments (or 1 instrument and voice), leading to a practical program of 12 minutes, which will be externally assessed. The practical requirements look at your ability to both perform on your chosen instruments/voice and also your ability to plan a program of appropriate length. Each term all pupils are required to give live performances in front of the class and/or staff members as part of the self-evaluation and target setting process. All performances for internal assessment must include an 'audience' of a least 1 person (in addition to the assessor) and candidates should provide a critical self-reflection (without prompt) of their performance.
- An externally assessed composition of between 1 minute and 3 minutes 30, which contributes to 15% of the final mark. Small composition tasks are completed throughout the year to build skills and repertoire.
- An Understanding Music unit, which consists of recognition of instruments/styles/forms as well as musical vocabulary, literacy and short essays/presentations detailing your understanding of the cultural and social links within particular styles and or periods. The question paper will contribute to 35% of the final mark.

MUSIC PERFORMANCE – NPA SCQF LEVEL 6

Entry Requirements

This course is suitable for pupils who have undertaken National 5 music and have been able to perform confidently on two instruments. This course is seen as a pathway between National 5 music and Higher or as an alternative to Higher.

Recommended that candidates have, where possible, their chosen instrument at home for practice and homework for best attainment.

Course Details

The course consists of 2 main components.

Performance

- Unit 1 Music Live Performance: Performing Music on one Instrument or Voice (SCQF level 6/grade 4). Organisation and performance to an audience of a contrasting and varied programme of music on instrument 1.
- Unit 2 Performance 2: (SCQF level 5/grade 3). Performing Music on a 2nd Instrument or Voice. This can be included in the live performance given on instrument 1.

Evaluation

- Written evidence or a presentation demonstrating understanding of creating a music programme, practice methods and evaluation of performance.
- Regularly updated and in depth practice record.

MUSIC - NATIONAL 4/5

Entry Requirements

This course is suitable for pupil at Grade 3 standard on 2 instruments or those capable of reaching this standard within a 6 month period. Ability to engage in independent practice and set short-term targets is recommended.

Recommended that candidates have, where possible, their chosen instrument at home for practice and homework for best attainment.

Course Details

The National 4/5 course consists of 3 components:

- 50% is built up of practical work on 2 instruments (or 1 instrument and voice), leading to a practical program of 8 minutes, which will be externally assessed by the visiting SQA Assessor in term 3. The practical requirements look at your ability to both perform on your chosen instruments/voice and also your ability to plan a program of appropriate length. Each term all pupils are required to give live performances in front of the class and/or staff members as part of the self-evaluation and target setting process. At **National 4** the performing unit is not externally assessed. All performances for internal assessment must include an 'audience' of a least 1 person (in addition to the assessor) and candidates should provide a critical self-reflection (without prompt) of their performance.
- An externally assessed composition of between 1 minute and 2 minutes 30. This contributes to 15% of the final mark. Small composition tasks are completed throughout the year to build skills and repertoire.
- An Understanding Music unit, which consists of recognition of instruments/styles/forms as well as musical vocabulary, literacy and short essays/presentations detailing your understanding of the cultural and social links within particular styles and or periods. This leads to a question paper which is sat during the exam diet and contributes to 35% of the final mark.

PHYSICAL EDUCATION

PHYSICAL EDUCATION – HIGHER

Recommended Entry Levels

National 5 pass in Physical Education (A – B)

National 5 pass in English (A – B)

After agreement with Principal Teacher of HWB, considering:

- Homework records (deadlines met & standard of response)
- Your participation record and level of effort (both in theory & practical elements)
- Your practical performance ability (you must be capable of passing two different activities at Higher level)

Course Description

The course comprises two Mandatory Internal Units and two SQA Assessment Units. The Internal Units are comprised from the two key areas below:

1. Performance

Pupils will have to plan, prepare, perform and evaluate their own personal performance. This could be in a variety of activities covered over the course of the year.

2. Factors Impacting on Performance

Pupils will further investigate all the factors that may impact on performance. These include Physical, Social, Mental and Social factors. This knowledge will be built on and expanded from the National 5 Physical Education course.

Assessment

1. SQA Exam

This paper allows the pupils to demonstrate their knowledge and understanding of investigating, analysing, planning, implementing and re-evaluating the performance development process. As well as testing the pupil's employable skills, pupils will also have to apply their working knowledge of the factors that impact on performance.

[50% of course award].

2. Performance – Course Assessment

Pupils will be assessed on their ability to plan, prepare, perform and evaluate a Practical Exam performance. This exam is like any other with pupils performing to the best of their ability during one single performance. Pupils will, where possible, get to choose an activity that they would like to sit their exam through.

[50% of course award]

Homework

Homework will be issued on a weekly basis. These will, mainly, be written tasks but there will be occasions when other tasks are issued. There are strict deadlines for homework and these deadlines are essential to progress in Higher Physical Education.

Career Information

Useful as qualification for:

General Entry Grade for higher education

PE Teaching

Physiotherapy

Sports Coaching

Sports Science

Leisure Assistant/Lifeguard

Psychology/Sports Psychology

Sports Journalism

SKILLS FOR WORK SPORTS AND RECREATION – NATIONAL 5

Recommended Entry Levels

National 4 or 5 pass in Physical Education

Candidate is interested in pursuing a career in the Sport and Recreation Industry.

Candidates should also ensure:

- Their participation record and level of effort both being of an acceptable standard in PE.
- They are willing to take on board feedback and develop their employability skills.

Course Description

The course comprises of four Mandatory Internal Units, and seeks to develop a range of employability and life skills that will benefit the candidate. The candidates will develop the skills required to work within the sport and recreation industry, whilst gaining valuable, practical experience both assisting and leading components of the course.

The Internal Units are comprised from the four key areas below:

1. Assisting with a Component of Activity Sessions

The candidates will be tasked with planning and then delivering part of an activity session to younger classes within the school. The Candidates will be working on their communication and organisational skills to ensure that the lessons are delivered effectively. The candidates will then be required to review and carry out emergency procedures, ensuring they can respond appropriately.

2. Employment Opportunities in the Sport and Recreation Industry

Candidates will be required to research a variety of career prospects within the sport and recreation industry. They will then be tasked with reflecting on their own skills, qualification and experience before mapping out a short and long term career plan on how they can secure employment.

3. Assisting with Fitness Programming

Within this Unit, Candidates will be required to carefully design a fitness programme to meet the needs of someone else. They will learn skills such as how to profile an individual, how to plan a fitness programme appropriately, and how to monitor and evaluate progress, before planning their client's future training.

4. Assisting with Daily Centre Duties

The candidates are required to complete the role of working in a sport and leisure centre. Candidates are required to demonstrate that they can set up, dismantle and store equipment safely. They must also keep working areas clean, and complete appropriate forms and paperwork to evidence this.

Assessment

Pupils are continually assessed throughout the units covered, both practically and theoretically. The main source of assessment is the internally assessed NABs. These assessment instruments summarise the course work covered, and assess the knowledge and experience gained by the candidates. These assessments will be completed throughout the year and the candidates will receive ongoing, individualised feedback regarding their progress on the course. All Units must be passed for the full course award to be achieved.

Homework

Homework will be issued on a bi-weekly basis. These will, mainly, be written tasks but there will be occasions when other tasks are issued, such as researching job opportunities or personal reflections. There are strict deadlines for homework and these deadlines are essential to progress in Sport and Recreation.

Career Information

Useful as qualification for:

1. General Entry Grade for Higher Education
2. Leisure Assistant/Lifeguard
3. Sports Coaching
4. Developing employability skills.

PHYSICAL EDUCATION – NATIONAL 5

Recommended Entry Levels

After agreement with Principal Teacher of HWB, considering:

- Homework records (deadlines met and standard of response)
- Your participation record and level of effort (both in theory and practical elements)
- Your practical performance ability (you must be capable of passing two different activities at N5 level)
- Behavioural record within the PE Department has been positive from S1-4

Course Description

The National 5 PE course will teach mandatory knowledge and employable skills to pupils through practical and classroom based sessions. Pupils will then be assessed through Practical Exams and an externally marked written Portfolio. The course content is comprised from two key areas:

1. Performance: Pupils will have to plan, prepare, perform and evaluate their own personal performance. This could be in a variety of activities covered over the course of the year. Pupils must show minimum competency within at least 2 activities.
2. Factors Impacting on Performance: Pupils will investigate factors that may impact on performance. These include Physical, Social, Mental and Social factors. This knowledge will be built upon and developed through both theoretical and practical contexts.

Assessment

1. Performance:
Pupils will be assessed on their practical ability within two separate Practical Exam performances. These exams are like any other with pupils performing to the best of their ability during single performance sittings, there are no re-sits. Pupils will, where possible, get to choose activities that they would like to sit these practical exams through.
[50% of course award]
2. SQA Portfolio:
The portfolio is a set of questions answered under exam conditions over a number of months in lesson time. The portfolio allows pupils to demonstrate their knowledge and understanding of investigating, analysing, planning, implementing and re-evaluating the performance development process.
[50% of course award]

Homework

Homework will be issued on a weekly basis. These will be written tasks but there will be occasions when other tasks are issued. There are strict deadlines for homework and these are essential to progress through National 5 Physical Education.

Progression

Pupils can progress onto Higher PE, Advanced Higher PE and various Further Education courses.

RELIGIOUS, MORAL AND PHILOSOPHICAL STUDIES

HIGHER RMPS

Course Description

RMPS is one of the oldest subjects studied at University and is seen as key to critical thinking which will be helpful in the study of any subject. RMPS equips you with the skills and knowledge for many different careers, including: politics, business, teaching, writing, news and journalism and law. The main purpose of the course is to challenge you to think in a critical way about a number of different aspects of the world. We live in a dynamic and ever-changing society of various perspectives and because of this tolerance and acceptance are vital –RMPS is the subject to help nourish these values and skills.

Entry Requirements

Higher: A National 5 pass in English, a Social Subject and/or RMPS

National 5: A National 4 pass in English, a Social Subject and/or RMPS

Section 1 – World Religion: Islam

What do Muslims believe about evil and sin? What about how we should live our lives and life after death? You will learn about the nature of God, nature of humans and the role of free will, the Five Pillars and what happens in the afterlife. Learn about the fastest growing religion in the world today – Islam.

Section 2 – Morality and Belief: Morality and Justice

Why do some people commit crimes and others don't? What are the reasons for committing a crime? Should we use death as the ultimate punishment for criminal activity? These are just some of the questions you will consider in this unit. You will learn about the reasons why people commit crime, the reasons why we punish criminals, sentencing in the UK and the death penalty. You will look at moral questions that people have about crime and punishment and give your opinion about the topic. Let us know what you think!

Section 3 – Religious and Philosophical Questions: Origins

How did the Universe begin? Was it a God? Was it science? Is it possible to believe in both? In this section you will be focusing on possible answers to these questions, as well as exploring various sources to provide possible evidence for these theories. You will also focus on the origins of human life- evolution and the Big Bang- compare and contrast them with religious accounts.

Internal Assessment

Assessment will be continuous throughout the year and will consist of extended questions and essays.

External Assessment

Assignment

You will be completing an assignment on an issue of your choice within RMPS. This means that you can focus on a topic that you have particular interest in that we may not be able to cover in class, completing your own research and writing up an essay. This assignment is sent to the SQA and is worth 30% of the overall grade.

Exam

The exam is worth 70% of the overall grade and consists of two question papers. Paper one is worth 60 marks and Paper 2 is worth 20 marks.

Assessment

Assessment will take place throughout the course and will be carried out in a number of different ways to reflect strengths and abilities. The external assessment comprises of assignment 30% and the final exam 70% of the overall grade.

SCIENCE

BIOLOGY – ADVANCED HIGHER

Recommended Entry Level is Higher Biology at A-C.

Course Content

This course is composed of the following three Units:

- Cells and Proteins: This includes Laboratory techniques for biologists, Proteins, membrane proteins, communication & signalling and protein control of all division.
- Organisms and Evolution: This includes field techniques for biologists, evolution, variation and sexual reproduction, sex and behaviour and parasitism.
- Investigative Biology: principles and practice of investigative biology and its communication. The Unit covers scientific principles and processes, experimentation and critical evaluation of biological research.

Assessment

How is your work assessed? At Advanced Higher the course is assessed by an external examination, set and marked by the SQA. A project is completed in school time, marked by the SQA and contributes towards the final grade.

Presentation at the appropriate level will be advised based on evidence from classwork, homework, assignment, unit assessment and other appropriate assessment.

Homework

Minimum three hours per week. Homework is an integral part of the course and regular written homework will be set based on the work done in class and making extensive use of example exam paper questions. Self study and some research is also required.

Career Information

On successful completion of this Course, the learner could progress to:

- A biology-based HND/degree programme or one from a wide range of related areas, such as medicine, dentistry, veterinary medicine, professions allied to medicine, horticulture, pharmacology, environmental science and health.
- Careers in a biology-based or related area including the health sector, agricultural science, education, environmental services.

BIOLOGY – HIGHER

Biology Higher covers all of the major themes of biology (cells, evolution, genetics, homeostasis, energy and ecosystems) and builds on previous learning. It allows learners to develop a deeper understanding of the underlying themes of biology: evolution and adaptation, structure and function, genotype and niche.

The course aims to:

- develop and apply knowledge and understanding of biology
- develop an understanding of biology's role in scientific issues and relevant applications of biology, including the impact these could make in society and the environment
- develop scientific inquiry and investigative skills
- develop scientific analytical thinking skills, including scientific evaluation, in a biology context
- develop the skills to use technology, equipment and materials safely in practical scientific activities
- develop planning skills
- develop problem-solving skills in a biology context
- use and understand scientific literacy to communicate ideas and issues and to make scientifically informed choices
- develop the knowledge and skills for more advanced learning in biology
- develop skills of independent working

Entry Requirements

Students opting for this course should have:

- 1 National 5 Biology pass.
- 2 National 5 passes in English and Maths, while not a requirement, will be needed to support the work in the course.

Course Structure

There are 3 Units:

<u>DNA and the Genome:</u>	through the study of DNA and the genome, this Unit explores the molecular basis of evolution and biodiversity.
<u>Metabolism and Survival:</u>	the central metabolic pathways of ATP synthesis by respiration, Adaptations for maintaining metabolism in widely different niches. Environmental and genetic control of metabolism in microorganisms.
<u>Sustainability and Interdependence:</u>	the complex interdependence between organisms is explored through food production, interrelationships and biodiversity.

Assessment

How is your work assessed? At Higher the course is assessed by an external examination, set and marked by the SQA. An assignment is completed in school time, marked by the SQA and contributes towards the final grade.

Presentation at the appropriate level will be advised based on evidence from classwork, homework, assignment, unit assessment and other appropriate assessment.

Homework

Minimum two hours per week. Homework is an integral part of the course and regular written homework will be set based on the work done in class and making extensive use of example exam paper questions. Self study and some research is also required.

Progression

A pass at Higher Biology in S5 allows students to progress to the Advanced Higher course in S6 or entry into many Higher Education courses. It offers a good grounding for science -related careers.

Further information on this course can be found on the following links:

<http://www.sqa.org.uk/sqa/47912.html>

<http://www.educationscotland.gov.uk/highersciences/biology/index.asp>

BIOLOGY: NATIONAL 5

Why study Biology?

Biology affects everyone and aims to find solutions to many of the world's problems. Biology — the study of living organisms — plays a crucial role in our everyday existence, and is an increasingly important subject in the modern world. Advances in technologies have made this varied subject more exciting and relevant than ever.

Through enjoyable learning in biology, learners develop their interest in and understanding of the world.

The Course will be of value to those wishing to develop skills, knowledge and understanding of biology.

What does the Course involve?

The Course aims to:

- develop and apply knowledge and understanding of biology
- develop an understanding of the impact of biology on everyday life
- develop an understanding of biology's role in scientific issues and relevant applications of biology, including the impact these could make on society and the environment
- develop scientific inquiry and investigative skills
- develop scientific analytical thinking skills in a biology context
- develop the skills to use technology, equipment and materials, safely, in practical scientific activities
- develop planning skills
- develop problem-solving skills in a biology context
- use and understand scientific literacy, in everyday contexts, to communicate ideas and issues and to make scientifically informed choices
- develop the knowledge and skills for more advanced learning in biology
- develop skills of independent working

The Course has three mandatory Units. The Units are:

Cell Biology (National 5)

The key areas covered are: cell structure; transport across cell membranes; DNA and the production of proteins; proteins; genetic engineering; respiration.

Multicellular Organisms (National 5)

The key areas covered are: producing new cells; control and communication; reproduction; variation and inheritance; transport systems — plants; transport systems — animals; absorption of materials.

Life on Earth (National 5)

The key areas covered are: ecosystems; distribution of organisms; photosynthesis; energy in ecosystems; food production; evolution of species.

Homework

Minimum one hour per week. Homework is an integral part of the course and regular written homework will be set based on the work done in class and making extensive use of example exam paper questions. Self-study and some research are also required.

How is your work Assessed?

At National 5, the course is assessed by an external examination, set and marked by the SQA. An assignment is completed in school time, marked by the SQA and contributes towards the final grade.

Presentation at the appropriate level will be advised based on evidence from classwork, homework, assignment, unit assessment and other appropriate assessment.

Progression

By successfully completing a course in Biology at National 5 progression is to the following courses of study:

- Higher Biology
- National 5 Chemistry or Physics

Further information on this course can be found on the SQA web-site at <http://www.sqa.org.uk/sqa/45723.html>

CHEMISTRY - ADVANCED HIGHER

Entry requirements

- Higher Chemistry at A-C and
- Higher Maths at A-C

Course Details

This course is composed of the following three Units:

- Inorganic and Physical Chemistry: electromagnetic radiation; atomic structure; electron pair theory; physical and chemical properties of transition metals and their compounds. Chemical equilibria; factors which influence the feasibility of chemical reactions and reaction kinetics.
- Organic Chemistry and Instrumental Analysis: Structure, chemical and physical properties of organic compounds. Organic reaction types and mechanisms, linked to synthesis of organic chemicals. Origin of colour in organic compounds' elemental analysis and spectroscopic techniques; use of medicines.
- Researching Chemistry: Stoichiometric calculations; knowledge of practical techniques and apparatus. Identification, researching, planning and safely carrying out a practical investigation. Analysis of scientific articles.

Assessment

How is your work assessed? At Advanced Higher the course is assessed by an external examination, set and marked by the SQA. A project is completed in school time, marked by the SQA and contributes towards the final grade.

Presentation at the appropriate level will be advised based on evidence from classwork, homework, assignment, unit assessment and other appropriate assessment.

Homework

Minimum three hours per week. Homework is an integral part of the course and regular written homework will be set based on the work done in class and making extensive use of example exam paper questions. Self study and some research is also required.

Career Information

On successful completion of this Course, learners could progress to:

- HND/degree programmes in a chemistry-based course or a related area, such as medicine, law, dentistry, veterinary medicine, engineering, environmental and health sciences.
- Careers in a chemistry-based discipline or related area, or in a wide range of other areas, such as oil and gas exploration, renewable energy development, engineering, development, management, civil service and education.

CHEMISTRY - HIGHER

The course aims to:

- develop and apply knowledge and understanding of chemistry
- develop an understanding of chemistry's role in scientific issues and relevant applications of chemistry, including the impact these could make in society and the environment
- develop scientific inquiry and investigative skills
- develop scientific analytical thinking skills, including scientific evaluation, in a chemistry context
- develop the use of technology, equipment and materials safely in practical scientific activities, including using risk assessment
- develop planning skills
- develop problem-solving skills in a chemistry context
- use and understand scientific literacy to communicate ideas and issues and to make scientifically informed choices
- develop the knowledge and skills for more advanced learning in chemistry
- develop skills of independent working

Entry Requirements

Students opting for this course should have:

- 1 National 5 pass.
- 2 National 5 passes in English and Maths, while not a requirement, will be needed to support the work in the course.

Course Details

There are three units:

<u>Chemical changes and Structure</u> -	Learn about fundamental aspects of chemistry including: trends in the periodic table, structure and bonding. Controlling the rates of reaction.
<u>Nature's Chemistry</u> -	Study the key principles of organic chemistry through the context of a range of everyday consumer goods.
<u>Chemistry in Society</u> -	Find out how the chemical industry principles in order to turn research ideas into profitable products, without harming the environment, equilibrium, redox chemistry, enthalpy of reaction, chemical analysis.
Research Chemistry -	Topics covered: Common chemical apparatus, general practical techniques, reporting experimental work.

Assessment

How is your work assessed? At Higher the course is assessed by an external examination, set and marked by the SQA. An assignment is completed in school time, marked by the SQA and contributes towards the final grade.

Presentation at the appropriate level will be advised based on evidence from classwork, homework, assignment, unit assessment and other appropriate assessment.

Homework

Minimum two hours per week. Homework is an integral part of the course and regular written homework will be set based on the work done in class and making extensive use of example exam paper questions. Self study and some research is also required.

Progression

Successful completion of the course allows for progression into Advanced Higher Chemistry or entry into many Higher Education courses.

It offers a good grounding for science-related careers.

Further information on this course can be found on the following links:

<http://www.educationscotland.gov.uk/highersciences/chemistry/index.asp>
<http://www.sqa.org.uk/sqa/47913.html>

CHEMISTRY – NATIONAL 5

Why study Chemistry?

The Course develops learners' interest in, and enthusiasm for, Chemistry through a variety of contexts relevant to Chemistry's impact on society, namely: utilising nature's resources, chemical analysis, and the development of new and novel applications.

Chemistry offers a broad, versatile and adaptable skill set which is valued in the work place. Developing knowledge and understanding of some basic chemistry concepts, learners will become scientifically literate citizens, able to evaluate the Science-based claims which they will come across in a rapidly developing society.

What does the Course involve?

The main aims of this Course are to:

- develop and apply knowledge and understanding of chemistry
- develop an understanding of the impact of chemistry on everyday life
- develop an understanding of chemistry's role in scientific issues and relevant applications of chemistry, including the impact these could make on society and the environment
- develop scientific inquiry and investigative skills
- develop scientific analytical thinking skills in a chemistry context
- develop the skills to use technology, equipment and materials, safely, in practical scientific activities
- develop planning skills
- develop problem-solving skills in a chemistry
- use and understand scientific literacy, in everyday contexts, to communicate ideas and issues and to make scientifically informed choices
- develop the knowledge and skills for more advanced learning in chemistry
- develop skills of independent working

The Course has three mandatory Units. The Units are:

Chemical Changes and Structure (National 5)

In this area, topics covered are: rates of reaction; atomic structure and bonding related to properties of materials; formulae and reacting quantities; acids and bases.

Nature's Chemistry (National 5)

In this area, topics covered are: homologous series; everyday consumer products; energy from fuels.

Chemistry in Society (National 5)

In this area, topics covered are: metals; plastics; fertilisers; nuclear chemistry; chemical analysis.

Homework

Minimum one hour per week. Homework is an integral part of the course and regular written homework will be set based on the work done in class and making extensive use of example exam paper questions. Self-study and some research are also required.

How is your work assessed?

At National 5, the course is assessed by an external examination, set and marked by the SQA. An assignment is completed in school time, marked by the SQA and contributes towards the final grade.

Presentation at the appropriate level will be advised based on evidence from classwork, homework, assignment, unit assessment and other appropriate assessment.

Progression

By successfully completing a course in Chemistry at National 5 progression is to the following courses of study:

- Higher Chemistry
- National 5 Biology or Physics

Further information on this course can be found on the SQA web-site at <http://www.sqa.org.uk/sqa/45720.html>

PHYSICS – ADVANCED HIGHER

Entry Requirements

Higher Physics at A-C and
Higher Maths at A-C

Course Structure

This course is composed of the following four Units:

- Rotational Motion and Astrophysics: develop and apply concepts and principles in a wide variety of situations involving angular motion. An astronomical perspective is developed through a study of gravitation; general relativity and stellar physics.
- Quanta and Waves: quantum theory and waves; non-classical physics and consideration of the origin and composition of cosmic radiation. Simple harmonic motion and wave theory.
- Physics: Electromagnetism (half-unit): develop and apply concepts and principles in a wide variety of situations involving electromagnetism. Electric and magnetic fields and capacitors and inductors used in dc and ac circuits.
- Units; prefixes and uncertainties: uncertainties, data analysis and evaluation and significance of experimental uncertainties.

Assessment

How is your work assessed? At Advanced Higher the course is assessed by an external examination, set and marked by the SQA. A project is completed in school time, marked by the SQA and contributes towards the final grade.

Presentation at the appropriate level will be advised based on evidence from classwork, homework, assignment, unit assessment and other appropriate assessment.

Homework

Minimum three hours per week. Homework is an integral part of the course and regular written homework will be set based on the work done in class and making extensive use of example exam paper questions. Self study and some research is also required.

Career Information

On successful completion of this Course, learners could progress to:

- HND/degree programmes in a physics-based course or related area, such as engineering, electronics, computing, design, architecture or medicine.
- Careers in a physics-based discipline or related area, or in a wide range of other areas, such as oil and gas exploration, renewable energy, construction, transport or telecommunications.

PHYSICS – HIGHER

The Physics course is made up of three mandatory Units: Our Dynamic Universe, Particles and Waves and Electricity. The concepts, principles and theories are often set in a relevant context, by making reference to applications of Physics and to real-world situations.

The students will further develop the following skills from National 5 Physics:

The course aims to:

- develop and apply knowledge and understanding of physics
- develop an understanding of the role of physics in scientific issues and relevant applications of physics
- develop scientific inquiry and investigative skills
- develop scientific analytical thinking skills, including scientific evaluation, in a physics context
- develop the skills to use technology, equipment and materials safely, in practical scientific activities
- develop planning skills
- develop problem-solving skills in a physics context
- use and understand scientific literacy to communicate ideas and issues and to make scientifically informed choices
- develop the knowledge and skills for more advanced learning in physics
- develop skills of independent working

Entry Requirements

Students opting for this course should have:

- 1 National 5
- 2 National 5 passes in English and Maths, while not a requirement, will be needed to support the work in the course.

Course Structure

There are 3 Units are:

Our Dynamic Universe: study of our current understanding of the universe.

Electricity: take a deeper look at electricity and investigate an introduction to semiconductors.

Particles and Waves: investigating fundamental particles, nuclear reactions and the wave properties of matter.

Assessment

How is your work assessed? At Higher the course is assessed by an external examination, set and marked by the SQA. An assignment is completed in school time, marked by the SQA and contributes towards the final grade.

Presentation at the appropriate level will be advised based on evidence from classwork, homework, assignment, unit assessment and other appropriate assessment.

Homework

Minimum two hours per week. Homework is an integral part of the course and regular written homework will be set based on the work done in class and making extensive use of example exam paper questions. Self study and some research is also required.

Progression

A pass at Higher Physics in S5 allows students to progress to the Advance Higher course in S6 or entry into many Higher Education course. It offers a good grounding for science -related careers.

Further information on this course can be found on the following links:

<http://www.sqa.org.uk/sqa/47916.html>

<http://www.educationscotland.gov.uk/highersciences/physics/index.asp>

PHYSICS – NATIONAL 5

Why study Physics?

Learners are given an insight into the underlying nature of our world and its place in the universe.

From the sources of the power we use, to the exploration of space, it covers a range of applications of the relationships that have been discovered through experiment and calculation, including those used in modern technology. Advances in Physics mean that our view of what is possible is continually being updated and learners will recognise the impact physics makes on their lives, the environment and society.

What does the Course involve?

The main aims of this Course are for learners to:

- develop and apply knowledge and understanding of physics
- develop an understanding of the impact of physics on everyday life
- develop an understanding of the role of physics in scientific issues and relevant applications of physics, including the impact these could make on society and the environment
- develop scientific inquiry and investigative skills
- develop scientific analytical thinking skills in a physics context
- develop the skills to use technology, equipment and materials, safely, in practical scientific activities
- develop planning skills
- develop problem-solving skills in a physics context
- use and understand scientific literacy, in everyday contexts, to communicate ideas and issues and to make scientifically informed choices
- develop the knowledge and skills for more advanced learning in physics
- develop skills of independent working

The National 5 Course has six Units. The Units are:

Dynamics

In this area, the topics covered are: vectors and scalars; velocity–time graphs; acceleration; Newton’s laws; energy; projectile motion.

Space

In this area, the topics covered are: space exploration; cosmology.

Electricity

In this area, the topics covered are: electrical charge carriers; potential difference (voltage); Ohm’s law; practical electrical and electronic circuits; electrical power.

Properties of matter

In this area, the topics covered are: specific heat capacity; specific latent heat; gas laws and the kinetic model.

Waves

In this area, the topics covered are: wave parameters and behaviours; electromagnetic spectrum; refraction of light.

Radiation

In this area, the topic covered is nuclear radiation.

Homework

Minimum one hour per week. Homework is an integral part of the course and regular written homework will be set based on the work done in class and making extensive use of example exam paper questions. Self-study and some research are also required.

How is your work Assessed?

At National 5, the course is assessed by an external examination, set and marked by the SQA. An assignment is completed in school time, marked by the SQA and contributes towards the final grade.

Presentation at the appropriate level will be advised based on evidence from classwork, homework, assignment, unit assessment and other appropriate assessment.

Progression

By successfully completing a course in Physics at National 5 the progression is to the following courses of study:

- Higher Physics
- National 5 Biology or Chemistry

Further information on this course can be found on the SQA web-site at <http://www.sqa.org.uk/sqa/45729.html>

NATIONAL 5 LABORATORY SCIENCE SKILLS

Recommended entry level is

Learners would normally be expected to have attained the skills, knowledge and understanding required by the following or equivalent qualifications and/or experience:

- National 4 Science
- National 4 or 5 in Biology, Chemistry or Physics

Learners should also have attained a National 4 Maths and working towards a National 5 Maths is desirable.

What does the Course involve?

The Laboratory Science Course is designed to introduce you to the knowledge and skills required for employment in a wide range of industries and services with laboratory science requirements. Examples include work in oil and gas, the NHS, food and drink manufacture, research institutes, water authorities, public analysts, education, and more!

Throughout the course you will undertake a broad range of advanced laboratory techniques, deploying modern analytical instruments and methods similar to those used in modern commercial laboratories. Within this course you will also explore a variety of industries and career opportunities, and evaluate and develop your own employability skills. The development of team working skills will also feature strongly in the program.

The course is made up of four units:

1. Laboratory Science: Careers using Laboratory Science
2. Laboratory Science: Working in a Laboratory
3. Laboratory Science: Practical Skills
4. Laboratory Science: Practical Investigation

During the course you will build a range of technical knowledge and skills on industrially relevant laboratory techniques.

For the most part the course will involve learning through hands-on practical work. However, there will also be short lectures, computer simulations and activities, researching, group work and class visits. Throughout the course you will be offered an opportunity to review and identify how your skills are developing.

SOCIAL SUBJECTS

GEOGRAPHY - HIGHER

The course aims:

- To develop breadth and depth to the skills and knowledge in physical and human geography attained at National 5.
- To develop the students ability to evaluate
- To increase the students knowledge of geographical methods and techniques.

Entry Requirements

The students should have passed at least a B pass at National 5 and National 5 English is essential.

Students with a Higher (A or B) in another Social Subject or Science and English could be considered if sufficient commitment is shown.

Course Details

The course comprises three components:

- 1 Physical Environments
 - Atmosphere – Global patterns
 - Biosphere - Soils
 - Hydrosphere – Rivers and hydrographs
 - Lithosphere – Glaciation and coasts
- 2 Human Environments (Through the study of both developed and developing countries)
 - Population – Structure and change
 - Rural – Land use changes and conflicts in rural areas
 - Urban – Management of recent change
- 3 Global Issues
 - Development and Health
 - Climate change
- 4 An individual assignment based on fieldwork. Fieldwork experiences will be organized.

Assessment

To achieve an award at Higher, course assessment standards must be met in each of the three components. There is an external examination, which comprises two papers:

Question paper 1:

1 hour 50 minutes worth 100 marks

Contains 2 sections (Section 1: Physical Environments – 50 marks; Section 2: Human Environments – 50 marks)

Question paper 2:

1 hour 10 minutes

Worth 60 marks - Contains 2 sections (Section 1: Global Issues – 40 marks; Section 2: Application of Geographical Skills – 20 marks)

In addition there is fieldwork assignment which comprises 27% of the final mark. (see above).

Progression

From attaining Higher Geography it is possible to progress to Advanced Higher Geography, alternatively students could progress to a course at an appropriate level in another Social Subject.

Students may also progress to further education or employment.

The course **may** be shared between Dyce Academy and Bucksburn Academy. Homework will be set by both schools.

HISTORY – HIGHER

History helps you develop an understanding of historical developments and how what has happened in the past has shaped the present. You will develop skills of researching, communication, critical thinking and evaluation which are needed for life and work.

Entry Requirements

The Higher course progresses from concepts learned and skills developed in the National 5.

You must have at least a C pass at National 5 to choose Higher History.

If you have an A or B in another Social Subject at National 5 and/or English or a Higher pass in these subjects you may also be suitable.

Course Aims

- To develop an understanding of the past and an ability to think independently
- To develop the skills of analysing, evaluating and synthesising historical information
- To develop the skills of researching historical issues and drawing well- reasoned conclusions

Course Description

The course is made up of three units:

- **Historical Study – Scottish:** A study of the experiences of Scots in the Great War and its impact on life in Scotland. This topic considers the impact of technology on the soldiers on the Western Front. It also considers the way in which the war changed life for people at home as the war began to impact on every aspect of life both during and after the war.
- **Historical Study – British:** *The Making of Modern Britain 1851 – 1951.* This includes the growth of democracy in Britain including the campaigns for women’s suffrage. Also the introduction of welfare reforms by the Liberals before World War One and Labour after World War Two and assesses how far they helped people.
- **Historical Study – Europe and World:** *USA, 1918-68.* Pupils will study of the growing tensions in American society, focusing on racial divisions, economic difficulties, the growth of federal powers and the struggle for civil rights, illustrating the themes of ideology, identity and rights.

Assessment

- The Exam Paper will consist of two Question papers:

Question paper 1: 1 hour 30 minutes duration

- worth 44 marks
- Contains 2 sections (Section 1: British – 22 marks; Section 2: European and World: 22 marks)

Question paper II: 1 hour 30 minutes duration

- Worth 36 marks
 - Contains 1 section (Scottish)
- (2 x question papers: 80 marks (73%))

- The Assignment essay will be worth 30 marks (27%). This allows you to research a topic of interest in more depth and write an essay on it. This will be done in class time but assessed externally.

Progression

From achieving a pass in Higher History you can progress to Advanced Higher History or a course at an appropriate level in another Social Subject.

The course may be shared between Dyce Academy and Bucksburn Academy. Homework will be set by both schools.

MODERN STUDIES - HIGHER

Course Details

Modern Studies helps students develop an understanding of contemporary political and social life in a local, national and international context. Students will develop skills of communication, independent learning, creative thinking, critical evaluation of the media and use of information technology. Students will have the opportunity to share their own opinions and learn how to support them with evidence and analysis of other points of view.

Entry Requirements

The Higher articulates with and progresses from concepts learned and skills developed at National 5. A National 5 at least a C is required in order to progress, however, students with Higher experience in English or other social subjects might also be suitable.

Course Aims

- To develop a knowledge and understanding of the ways in which contemporary society is organised.
- To develop the skills of evaluating, applying evidence to support decisions and viewpoints and analysing social and political issues.
- Encourage students to play an active role in contemporary society and to demonstrate values of democratic debate and attitudes of tolerance, responsibility and critical awareness.

Titles of Units which comprise the course:

- Democracy in Scotland and the UK:
 - The UKs Constitutional Arrangement
 - Political Institutions
 - Voting Systems
 - Voting behaviour
 - Political participation
- Social Inequalities in the UK:
 - Inequality & specific groups
 - Causes of inequality
 - Impact of inequality
 - Attempts to tackle inequality
- World Power – USA:
 - Its political system
 - Contemporary socio-economic issues
 - Role in International Relations

Progression

A pass would act as an entry qualification for Advanced Higher Modern Studies. Alternatively, all Further Education and Higher Education Institutions recognise the value of a suitable grade in Higher Modern Studies.

Assessment Procedures

The external assessment consist of 2 question papers and an assignment. Pupils will be given timed essays to complete at the end of each unit studied in order to monitor and gauge progress.

External assessment will provide the basis for the grade attained and consist of:

Question paper 1:

- 1 hour 45 minutes worth 52 marks (47%)

3 sections (Section 1 – Democracy in Scotland and the United Kingdom;
Section 2 – Social Issues in the United Kingdom;
Section 3 – International Issues)

- Candidates will answer two 20 mark extended response questions and one 12 mark extended response question

Question paper 2:

- 1 hour 15 minutes worth 28 marks (26%)
- Candidates will answer one 10 mark source 'conclusion' question, one 10 mark source 'objectivity' question and one 8 mark source 'reliability' question.

The Assignment essay will be worth 30 marks (27%). This allows you to research a topic of interest in more depth and write an essay on it. This will be done in class time but assessed externally

TRAVEL & TOURISM: NATIONAL 5 SKILLS FOR WORK

Course Aims

The National 5 Skills for Work: Travel and Tourism Course is an introductory qualification in travel and tourism. It develops the skills, knowledge and attitudes, needed for work in the travel and tourism industry.

Recommended Entry Requirements

Entry to this course is at the discretion of the school. This course is appropriate for a wide range of learners including those who wish to achieve a greater understanding of the travel and tourism industry. The primary target group for the course in 2020/21 is S5 and S6 only.

Course Specification

This course is the base-level vocational course in travel and tourism. It is designed to enable a learner who has little or no experience of travel and tourism to gain the basic skills for work, as an introduction to employment in the industry. Specific employability skills are experienced in the Travel and Tourism: Employability (National 5) unit. All other units have been designed to include skills which are essential for employment in the travel and tourism industry. Customer care and enterprise skills related to selling are included in a second unit Travel and Tourism: Customer Service (National 5). Product knowledge relating to dealing with customer enquiries feature in the remaining two units: Travel Tourism: Scotland (National 5) and Travel and Tourism: UK and Worldwide (National 5).

Assessment Specification

There is no external assessment for this course. Learners must successfully complete each Unit to achieve the Course. Unit specifications provide detailed information on the Evidence Requirements for each Unit. The Unit Support Notes provide information on approaches to assessment for each Unit. The Units are internally assessed by the school and externally verified by SQA.

Possible Progression Routes

This course may provide progression to:

- Other SQA programmes or units in travel and tourism
- Further study
- Employment and/or training

Career Opportunities

- Travel Agent/Consultant
- Travel Blogger
- Air Cabin Crew
- Holiday Representative
- Tour Officer/Manager
- Ecotourism
- Hotel Industry

YASS – Open University Young Applicants in Schools Scheme (S6 Students only)

The Open University's Young Applicants in Schools Scheme (or YASS for short) enables motivated and able students in S6 to study a wide range of undergraduate modules at first-year university level alongside their other studies. YASS encourages independent learning and builds confidence and helps students develop the skills they will need to make to transition to university level study after school.

Modules at SCQF Level 7 (first year level at a traditional university) are offered in:

- Arts
- Business and Management
- Computing and ICT
- Education
- Engineering and Technology
- Environment
- Health and Social Care
- Languages
- Law
- Mathematics
- Science
- Social Sciences
- Sport

The latest range of modules available can be found at www.open.ac.uk/yass-in-scotland

These modules are studied independently and students must have not only the academic ability but the capacity to organise and be responsible for their personal study time and meeting deadlines. Motivation and commitment are equally important as ability. A 10 point Open University module can demand at least 8 hours study per week.

Depending on which course they choose, students will receive information and course materials delivered directly to their home address, and some via email and online. The volume can be quite daunting but particular information is essential such as the module calendar, the name of their OU tutor, online forum details and assignment deadlines. The school coordinator (Mrs Jamieson) has a key role in checking that students have made themselves familiar with the timetable of the course and know what is expected of them.

There is a financial cost for these modules, starting at £150. This cost will have to be met by the student if SFC Funding grants are unavailable.

Please note that the credit points attached to each module are higher education (CATS) points and not part of the UCAS tariff.

If you are interested in looking in a YASS course you must discuss this with your Guidance Teacher and Mrs Jamieson.