Art and Design

Course Overview

Learners in Art and Design communicate personal thoughts, feelings and ideas using art and design media, materials, techniques and technologies.

Knowledge, understanding and appreciation of art and design practice in industry is developed while working imaginatively to explore individual creative, problem solving, critical thinking and reflective practice.

Progression

National 4

National 5/NPA Painting

Higher

Advanced Higher

Pathways

Further course progression

College/University courses

Creative Industry Employment

Skills

Personal Learning

Analysing and Evaluating

Creating

Problem Solving

Resilience

National 5

The purpose of the National 5 Art and Design course is to provide a broad, investigative and practical experience of art and design. Creativity is the key focus of the course. Candidates develop knowledge of art and design practice by studying artists and designers and their work. The learning experiences in the course are flexible and adaptable, with opportunities for personalisation and choice in both expressive and design contexts. This makes it suitable for a diverse range of learners' needs and aspirations. The course comprises two areas of study:

Expressive: Select a theme/stimulus and produce 2D/3D analytical drawings, studies and investigative research, and use this to produce a single line of development leading to a final piece. Candidates reflect on and evaluate their creative process and the visual qualities of their work.

Design: Select a design brief and compile a variety of 2D/3D investigative material and market research, and use this to produce a single line of development leading to a design solution. Candidates reflect on and evaluate their creative process and the aesthetic and functional qualities of their work.

There is a written exam worth 20% of the overall award which assesses specialist knowledge and understanding of art and design practice and social/cultural issues.

Higher

The purpose of the Higher Art and Design course remains the same as National 5; to provide a broad, investigative and practical experience of art and design while keeping creativity as the key focus. Again, the course comprises two areas of study: Expressive and Design (detailed above) which draw upon knowledge and skills from across the course requiring a greater depth of application.

At Higher level, independent learning is further enhanced in order that candidates can show a progressive and refined approach towards selected stimuli. Complex problem-solving, planning and self-evaluation skills are developed which supports learners with all future progression and pathway choices.

There is a written exam worth 23% of the overall award which assesses specialist knowledge and understanding of art and design practice and social/cultural issues.

Advanced Higher (Expressive *or* Design)

Candidates research expressive art or design contexts related to a chosen theme or stimulus. They investigate, explore and respond to artists/designers working methods and integrate information from a variety of sources to communicate their thoughts and ideas.

Candidates' ability to draw on, extend and apply these skills is assessed through a portfolio. The portfolio contains expressive art/design work alongside a written contextual analysis of a selected art/design work relevant to their work, and an evaluation.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Computing Science

Course Overview

Computer science is **the study of computers and computational systems**. It is a broad field which includes everything from creating programs to understanding all stages of the SDP process, learning SQL to perform queries on Databases and the skills/knowledge to create Web Sites. Studying about how the computer system works looking at all hardware/software involved. Pupils will also learn about the importance of security on a computer and environmental issues relating to computer use.

Progression

National 4

National 5

Higher

Pathways

Further course progression

College/University courses

IT Industry Employment

Skills

Personal Learning

Analysing and Evaluating

Problem Solving

National 5

Students will study the **analysis, design, implementation, testing and evaluation** of Software Development and use a variety of problem solving techniques in doing so. They will develop valuable skills in computer programming and the ability to communicate how a program works by being able to read/interpret code as well as understanding legal implications and environmental impact of technology.

The course will teach skills in Database, Design and Development where pupils will learn how to create queries using SQL and understand how relational databases work.

Pupils will be taught how to design and develop web pages and be able to format content using 2 languages: HTML and CSS.

Lastly, pupils will learn about Computer Structure and be able to communicate understanding of key concepts whilst using appropriate terminology, that will cover hardware, software with an understanding of the importance of security.

Course Assessment:

Exam (80 marks)

Assignment (40 marks) - prepare a program and database queries to answer questions.

Higher

The higher course will follow all of that outlines within National 4/5 but will take each element to the next level.

Why study Computing Science?

All pupils should have IT skills when leaving high school as almost every job will require the basic skills.

Six reasons to study computer science

- Computers are everywhere. There's not an industry out there that isn't using data and computer technology on a daily basis. ...
- Financially rewarding. ...
- Choice of specialisms. ...
- Global opportunities. ...
- Develop transferable skills. ...
- Unlock your creative side. ...

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

S3 Leadership Academy—Computer Games Development

Course Overview

Computer Games Development introduces learners to the genres, trends and emerging technologies of the computer games industry. This provides a foundation in techniques that are important to the sector, such as digital planning and design, creation of media assets, and development and testing.

Progression

NPA Level 4,5,6 in the senior phase.

Pathways

Further course progression

College/university courses

Employment

Skills

Analysing and evaluating

Problem solving

Researching

Decision making

Computer games Development covers several areas, starting with Character Design, Game Play, Level Design, Mechanics, Narrative Design and User Interface Design.

Coding is also an important part of this qualification. We learn about the main features of Scratch, AppLab Express and Makecode Arcade and develop the skills required to plan and create games.

Course assessment is ongoing where pupils work through various outcomes to achieve the qualification. This award can also lead to employment in a related field of work. Market research demonstrates that such qualifications have desirable practical skills required by employers, such as communication, time management and the ability to work with others.

All pupils should have IT skills when leaving high school as almost every job will require the use of these skills.

Why study this course?

Computers are everywhere. There's not an industry out there that isn't using data and computer technology on a daily basis. ...

- Financially rewarding.
- Choice of specialisms.
- Global opportunities.
- Develop transferable skills.
- Unlock your creative side.
- Improve the world.

Because of the high demand for computing skills and technology in the industry, courses have grown in popularity, allowing students to work as Systems Analysts, Web Developers, Finance Programmers, Software Engineers, Product Managers, Game Developers, Cyber Security, Network Managers, and other roles.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Design & Manufacture

Course Overview

Learners in Design & Manufacture creation solutions to design briefs through design folios, model making and practical workshop skills.

An understanding of materials, manufacturing processes and design factors is key throughout the course to ensure that candidates can create innovative ideas that provide a solution to the brief.

Learners work independently to

Progression

National 4

National 5

Higher

Pathways

Further course progression

College/University courses

Employment in Product Design Engineering

Skills

Creativity

Analysing and Evaluating

Critical Thinking

Problem Solving

National 5

The purpose of the National 5 Design & Manufacture course is to provide a broad and practical experience in product design and manufacture. Creativity is at the heart of this course and its combination with technology makes it exciting and dynamic.

The course is split between design based practical where pupils complete folios, workshop based practical where candidates manufacture prototype models and theoretical knowledge of materials and processes. Candidates develop knowledge and understanding of the impact of design and manufacturing technologies on our environment and society. The ability to devise design and manufacturing solutions to straightforward and more complex practical problems is the main foundation of the course, with skills developed through a range of design folios and prototype manufacture. The course also investigates mass manufacturing and material properties.

The course will be assessed through a question paper (exam) and two assignments, which will be marked by SQA and graded A to D. The question paper is worth 80 marks and makes up 44% of the total assessment mark. Learners answer questions on the topics of design, workshop-based manufacture and commercial manufacture. The two assignments are linked and make up 56% of the total assessment mark. The design assignment is worth 55 marks and requires learners to develop a proposed design in response to a set brief. For the practical assignment, learners manufacture their proposed product. The practical assignment is worth 45 marks.

Higher

The purpose of the Higher Design & Manufacture course remains the same as National 5; to provide a broad and practical experience in product design and manufacture. Creativity is at the heart of this Course and its combination with technology makes it exciting and dynamic.

The course at Higher level take on more of a focus of commercial manufacture, looking at how products would be mass manufactured, marketed and distributed. The course is very similar to the National 5, however, the key focus is shifted towards the design and theory side.

Higher candidates develop skills in Researching, idea generation, design development and planning for mass manufacture. These skills are developed through the completion of design tasks and folios. Model making is also key within the course to develop skills in presentation and communication.

The assessment of the course is split into 2 components, a written exam worth 80 marks and an assignment that is worth 90 marks. The assignment takes the for of a design folio that reacts to a selection of briefs provided by the SQA and takes place between January and March.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Engineering Science

Course Overview

Learners in Engineering science develop a deeper understanding of the central role of engineers as designers and problem solvers, able to conceive, design, implement and control complex systems. By gaining an understand the far-reaching impact of engineering on our society and the environment candidates get to explore varied engineering systems through simulation, practical projects and investigative tasks in a range of contexts.

Progression

National 4

National 5

Higher

Pathways

Further course progression

College/University courses

Employment in Engineering Disciplines

Skills

Analysing and Evaluating

Critical Thinking

Problem Solving

Sense Making

National 5

Engineering shapes the world in which we live, by applying elements of technology, science and mathematics to real-world challenges. Engineers play key roles in meeting the needs of society in fields that include climate change, medicine, IT and transport, and it is important there are more young people with an informed view of engineering. The National 5 course is split into 3 main areas of study: Engineering Contexts and Challanges; Electronics and Control; Mechanisms and Structures.

The course is taught through the completion of calculations, descriptions of theories and hands on tasks to broaden candidates knowledge of all types of Engineering Disciplines.

The course will be assessed through a question paper (exam) and an assignment, which will be marked by SQA and graded A to D. The question paper is worth 110 marks and makes up 69% of the total assessment mark. Learners answer questions on Engineering calculations, and Engineering theories. The assignment makes up 31% of the total assessment mark. The assignment is worth 50 marks and requires learners to react to a brief through a series of hands on practical tasks. The Assignment is set by the SQA and is completed over 8 hours in February and March.

Higher

The purpose of the Higher Engineering Science course remains the same as National 5; with the course following the same 3 main areas of study: Engineering Contexts and Challanges; Electronics and Control; Mechanisms and Structures.

The course at Higher level take on more complex look at Engineering with the topics covered in National 5 the foundation for developing the candidates understanding.

Higher candidates develop skills in Analysis, Design, Construction and Evaluation to a range of complex engineering problems. The understanding of the relationship between, Engineering, Science and Maths is key and a strong pass at National 5 is recommended for any pupil that wants to study Higher Engineering Science

The assessment of the course is split into 2 components, a written exam worth 110 marks and an assignment that is worth 50 marks. The assignment takes the form of a Engineering Brief provided by the SQA and takes place between February and March in a 8 hour time period.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Graphic Communication

Course Overview

Learners in Graphic Communication demonstrate creativity in the production of graphic communications to produce visual impact in meeting a specified purpose.

Development of skills in graphic communication techniques, including the use of equipment, graphics materials and software are essential within the course to ensure

Progression

National 4

National 5

Higher

Pathways

Further course progression

College/University courses

Employment in Architecture/ Graphic Design/

Skills

Creativity

Analysing and Evaluating

Critical Thinking

Problem Solving

National 5

The purpose of the National 5 Graphic Communication course is to allow candidates to develop an awareness of graphic communication as an international language and provide an understanding of how graphic communication technologies impact on society and the environment. Candidates initiate, develop and communicate ideas graphically, and candidates will develop spatial awareness and visual literacy through graphic experiences. They interpret graphic communications initiated by others, and use graphic communication equipment, software and materials effectively.

The Course is practical, exploratory and experiential in nature. It combines elements of creativity and communicating for visual impact with elements of protocol and an appreciation of the importance of graphic communication standards.

The course will be assessed through a question paper (exam) and an assignment, which will be marked by SQA and graded A to D. The question paper is worth 80 marks and makes up 66% of the total assessment mark. Learners answer questions on the topics like British standards, Computer Aided Design Techniques, Spatial Awareness and Layout Techniques. The assignment is worth 40 marks and requires learners to complete 3 tasks set by the SQA and is split into 3D modelling, Desk Top Publishing and sketching tasks. The assignment takes place over February and March, takes 8 hours to complete and is sent away to be marked by the SQA.

Higher

The purpose of the Higher Graphic Communication course remains the same as National 5 and is similarly split between two main topics 2D Graphics and 3D with Pictorial Graphics.

The course at Higher level allows candidates to initiate, develop and communicate often complex ideas graphically and with clarity. Candidates are also expected to select and use appropriate graphic communication equipment and software with skill and confidence. Knowledge and understanding of graphic communication standards and protocols and where these apply are essential in the course and relate to both the final exam and the assignment.

Like the National 5 the assessment of the course is split into 2 components, a written exam worth 90 marks and an assignment that is worth 75 marks. The assignment takes the place over 8 hours, takes place between February and March and is provided and marked by the SQA. Again, like the National 5 the assignment incorporates 3 tasks and is split into 3D modelling, Desk Top Publishing and sketching tasks.

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Mon Ame Exalte Le Seigneur

Graphic Communication

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Progression

National 4

National 5

Higher

Pathways

Further course progression

College/University courses

Employment in Architecture/ Graphic Design/

Skills

Creativity

Analysing and Evaluating

Critical Thinking

Problem Solving

National 5

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Mon Ame Exalte Le Seigneur

Practical Metalworking

Course Overview

The National 5 Practical Metalworking course provides opportunities for candidates to gain a range of theoretical and practical metalworking skills relating to tools, equipment, processes and materials. They also develop skills in reading and interpreting working drawings and related documents as well as an understanding of health and safety.

Learners work independently to create models that will develop their

Progression

National 3

National 4

National 5

Pathways

Further course progression

College courses

Employment/ Apprenticeships

Skills

Creativity

Analysing and Evaluating

Critical Thinking

Problem Solving

National 5

The National 5 Practical Metalworking course provides a broad introduction to practical metalworking. It is largely workshop-based, combining elements of theory and practical metalworking techniques. Candidates develop practical skills within the workshop through the completion of multiple projects. They are introduced to safe working practices and become proactive in matters of health and safety. They learn how to use a range of tools, equipment and materials safely and correctly. Candidates develop skills in reading drawings and diagrams, measuring and marking out, cutting, shaping and finishing materials

The course content develops skills through 3 main areas: Bench Skills; Machine processes; Thermal Joining and Fabrication. The candidates develop skills in the use of a variety of tools and machines, with the forge, metalwork lathe and welding machine key to development.

The course will be assessed through a question paper (exam) and final assignment, which will be marked and graded A to D. The question paper is worth 60 marks and makes up 30% of the total assessment mark. Learners answer questions on the topics of materials, hand tools, processes and machines. The assignment is set by the SQA and is completed in class between January and March. This will assess the candidates practical skills through the model that they are required to make. The model is worth 55 marks (55%) and is marked to a set tolerance given by the SQA. There is an additional logbook that is completed throughout the project based on machine set up, tool care and health and safety. This is worth 15% of the final grade and can be written up throughout the year.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Practical Woodworking

Course Overview

The National 5 Practical Woodworking course provides opportunities for candidates to gain a range of theoretical and practical woodworking skills relating to tools, equipment, processes and materials. They also develop skills in reading and interpreting working drawings and related documents as well as an understanding of health and safety.

Learners work independently to create models that will develop their

Progression

National 3

National 4

National 5

Pathways

Further course progression

College courses

Employment/ Apprenticeships

Skills

Creativity

Analysing and Evaluating

Critical Thinking

Problem Solving

National 5

The National 5 Practical Woodworking course provides a broad introduction to practical woodworking. It is largely workshop-based, combining elements of theory and practical woodworking techniques. Candidates develop practical skills within the workshop through the completion of multiple projects. They are introduced to safe working practices and become proactive in matters of health and safety. They learn how to use a range of tools, equipment and materials safely and correctly. Candidates develop skills in reading drawings and diagrams, measuring and marking out, cutting, shaping and finishing materials

The course content develops skills through 3 main areas: Flat-frame construction; Carcase construction; Machining and finishing. The candidates develop skills in the use of a variety of tools and machines, with the use of hand tools especially important in the completion of the course. Candidates also learn how to set up and use machines like the lathe, pillar drill and belt sander.

The course will be assessed through a question paper (exam) and final assignment, which will be marked and graded A to D. The question paper is worth 60 marks and makes up 30% of the total assessment mark. Learners answer questions on the topics of materials, hand tools, processes and machines. The assignment is set by the SQA and is completed in class between January and March. This will assess the candidates practical skills through the model that they are required to make. The model is worth 55 marks (55%) and is marked to a set tolerance given by the SQA. There is an additional logbook that is completed throughout the project based on machine set up, tool care and health and safety. This is worth 15% of the final grade and can be written up throughout the year.

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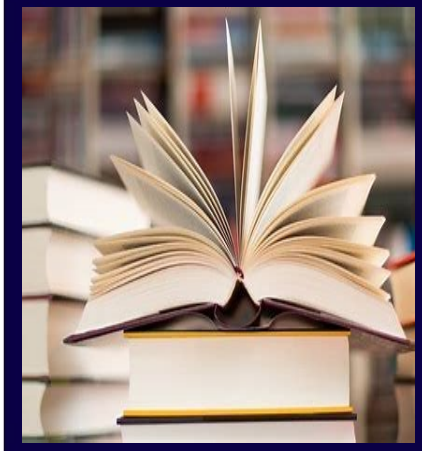
Mon Ame Exalte Le Seigneur

English



Course Overview

In the English department, we are committed to developing pupils' skills in Reading, Writing, Talking and Listening. Our curriculum and materials are developed and chosen as appropriate to the level of study of the group of pupils.

Pupils at all levels will increase their skills in Reading and Writing by studying different genres of literature, writing in a variety of forms and completing Close Reading tasks.

Progression

National 4

National 5

Higher

Advanced Higher

Pathways

Further course progression

University/College courses

Skills

Literacy Skills: Reading, Writing, Talking and Listening

Thinking Skills: Applying, Analysing and Evaluation

National 4

Learners in National 4 will have the opportunity to study a wide range of texts from different genres and different mediums to develop their Literacy skills and to apply them to assessments which tests their abilities in Analysis, Evaluation and Application.

All work is internally assessed providing learners with the confidence to develop the skills necessary for progression into National 5 English in a supportive environment.

National 5 and Higher

Learners in National 5 and Higher English will have the opportunity to develop their Critical Thinking skills by studying literature from a diverse range of genres. Through the study of various texts and writers, our hope is to instil a passion for literature and language in our young people. Through the study of literature, we are able to discuss wider issues which are evident in the texts. Therefore, we work to not only develop the language skills of our young people but to engage them in meaningful conversations to broaden their understanding of the world around them.

Learners are taught the skills to demonstrate their understanding of texts and apply analysis and evaluation to language techniques used by writers. Our young people are also guided on how to critically write about texts, using their knowledge of the content to analyse and evaluate the text. The pupils also learn the skills of writing broadly discursive pieces and broadly creative pieces. In these pieces of work, pupils are able to demonstrate their passion for topics and to reflect on their own experiences.

To gain the National 5 and Higher English qualifications, learners will have to submit a Folio which is worth 30% of their award and is utilizing the skills of creative and discursive writing. This will be submitted prior to the exam. In the exam, the pupils have to complete a Reading for Understanding, Analysis and Evaluation paper (Close Reading) which is worth a further 30% of their award. The pupils will then write a Critical Essay based on a text which has been studied in class which is worth 20% of their award. Finally, the learners have to complete a Textual Analysis which is in the form of an **extract** from a Scottish text or writer which has been studied in class. The learners must also show their knowledge and understanding of the whole unit of work by answering a question related to the themes and literary techniques created by the writer.

Advanced Higher

Advanced Higher English enables pupils to specialise in various areas of study. Pupils are given the opportunity to closely study some of the great works of English literature.

Pupils gain considerable ability in thinking and working independently, and develop the sophistication of their language and analytical skills.

The key elements of the course are a Dissertation, Textual Analysis, close study of literature and a Writing Folio. The course effectively prepares our young people for further education and the standards of academic writing which is required in Higher Education institutions.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Health and Food Technology

Course Overview

Health and Food Technology helps prepare students for the workplace and develops an understanding of food choices and life skills. Develop knowledge and understanding of the relationships between health, food and nutrition. Helps make informed decisions about food choices. Provides a range of life skills. Provides skills needed for life with meal prepping and cooking. Can open doors to a variety of

Progression

National 5 ➡ Higher

Pathways

Further course progression

College/University courses

Skills

Problem Solving

Planning

Develop Confidence

Communicating

NATIONAL 5

The course will enable you to understand the knowledge and understanding of the relationships between health, food and nutrition. Understanding of the functional properties of food. Helps make informed decisions about food choices.

- **Food for Health** - learn all about balanced diet and nutrients. Understand different dietary needs for individuals and diet related conditions.
- **Food product development** - learn all about stages of food product development and complete as assignment based on this of your own food choice.
- **Contemporary food issues** - Understand factors affecting food choice including skills and budget. Understand about technological advances in food production and what this means for your own food shopping.

HIGHER

The higher HFT course progresses on from national 5 health and food technology and helps develop many skills including.

◊ analyse the relationship between health, food and nutrition and applying understanding in practical contexts

◊ understand the practical applications of the functional properties of food

◊ explain a range of contemporary issues influencing food choice

◊ applying a range of technological skills related to food production

◊ be able to display organisational skills necessary to research, plan, prepare and evaluate products and processes

◊ demonstrate investigative and research skills

◊ apply problem-solving skills to make food products to meet specified needs

◊ develop a range of food preparation skills and techniques using appropriate tools and equipment

◊ develop an understanding of safe and hygienic food preparation practices

Health and Food technology can lead into many careers including;

Degree in food nutrition/ food science. Nutritionist . Dietician. Personal Trainer. Food product development. Home Economics teacher.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Practical Cookery

Course Overview

- **The hospitality industry is one of the biggest employers within the UK. Practical cookery will help prepare and open doors to a variety of career options within this sector.**

Progression

National 4 ➡ National 5

Pathways

Further course progression

College/University courses

Skills

Planning

Budgeting

Meal prepping and cooking

National 5

This course focuses on planning, budgeting, prepping and the cooking of meals. Focusing on safety and hygiene. Helping make informed food choices.

- **Planning** - understand how to plan when preparing more than 1 meal at a time, this will help with working within hospitality industry.
- **Budgeting** - develop a life skill knowing how to budget and understanding costing of food.
- **Prepping** - learn a range of skills in how to prepare many different types of food.
- **Cooking** - another life skill learned in how to cook meals from scratch.
- **Food Safety and Hygiene** - a skill a number of industries look for, learning all about kitchen safety and hygiene

Practical Cookery is the only course which offer students the chance to plan and prepare a 3 course meal and work through their food hygiene.

<u>Leadership Academy S3</u>

National 4 Practical Cookery

The leadership course offers pupils to achieve a National 4 level qualification over course of the year. Pupils will learn the importance of food hygiene and safety.

They will focus on the:

Planning, prepping, cooking and garnish of a 2 course meal.

These skills can help future employment within the hospitality industry and will help make progression in to National 5 Practical cookery in senior phase learning.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Mathematics

Course Overview

The Mathematics course aims to build upon and extend mathematical skills, knowledge and understanding in a way that recognises problem-solving as an essential skill and enables learners to integrate their knowledge of different aspects of the subject. Learners will develop the skills necessary to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions. Learners will develop skills in logical reasoning, analysis, problem-solving skills, creativity, and the ability to think in abstract ways.

Progression

National 4 → National 5

National 5 → Higher

Higher → Advanced Higher

Pathways

College/University courses

Access to the wider curriculum and pursuit of careers in fields including accountancy, data analysis, science, statistics, technology & engineering.

Skills

Numeracy

Analysing and Evaluating

Communication

Problem Solving

Resilience

National 4

The National 4 Mathematics course builds on the principles, practice, experiences and outcomes of Mathematics and Numeracy. The course aims to motivate and challenge learners by enabling them to select and apply straightforward mathematical skills in a variety of mathematical and real-life situations. Learners will be enabled to use numerical data and abstract terms, and develop the idea of generalisation; they will interpret, communicate and manage information in mathematical form. The course also aims to develop the learner's skills in using mathematical language, to explore straightforward mathematical ideas, and develop skills relevant to learning, life and work in an engaging and enjoyable way.

The course would be suitable for learners who have experienced breadth and depth of learning across Mathematics experiences and outcomes, or who have attained the National 3 Lifeskills Mathematics course award, or have equivalent qualification or experience.

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

· National 5 Mathematics

· National 5 Applications of Mathematics

· Numeracy (National 5) Unit

Mathematics has applications in many subject areas, and skills developed in this course could support progression in this and other curriculum areas. These skills can also support progression into Skills for Work courses, National Progression Awards, National Certificate Group Awards, and employment.

National 5 Mathematics - Applications

The purpose of the National 5 Applications of Mathematics course is to motivate and challenge candidates by enabling them to think through real-life situations involving Mathematics and to form a plan of action based on logic.

The mathematical skills within this course are underpinned by numeracy, and designed to develop candidates' mathematical reasoning skills in areas relevant to learning, life and work.

This is a suitable course for learners who have achieved the fourth level of learning across the Mathematics experiences and outcomes in the Broad General Education, or who have completed the National 4 Mathematics course, or who have equivalent qualifications or experience.

This course is particularly suitable for learners who wish to develop mathematical techniques for use in further study of Mathematics or other curriculum areas, or in workplaces.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Mathematics

Course Overview

The Mathematics course aims to build upon and extend mathematical skills, knowledge and understanding in a way that recognises problem-solving as an essential skill and enables learners to integrate their knowledge of different aspects of the subject. Learners will develop the skills necessary to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions. Learners will develop skills in logical reasoning,

Progression

National 4 → National 5

National 5 → Higher

Higher → Advanced Higher

Pathways

College/University courses

Access to the wider curriculum and careers such as accountancy, data analysis, science, statistics, technology & engineering.

Skills

Numeracy

Analysing and Evaluating

Communication

Problem Solving

Resilience

National 5

Throughout this course, candidates acquire and apply operational skills necessary for developing mathematical ideas through symbolic representation and diagrams. They select and apply mathematical techniques and develop their understanding of the interdependencies within Mathematics. Candidates develop mathematical reasoning skills and gain experience in making informed decisions.

This is a suitable course for learners who have achieved the fourth level of learning across the Mathematics experiences and outcomes in the broad general education, or who have attained the National 4 Mathematics course, or who have equivalent qualifications or experience.

This course is particularly suitable for learners who wish to develop mathematical techniques for use in further study of Mathematics or other curriculum areas, or in workplaces.

Higher (Entry: N5 Mathematics pass at A / B grade)

This course is suitable for students who wish to study STEM subjects at university. Please check the requirements for your university course.

The Higher Mathematics course develops, deepens and extends the mathematical skills necessary at this level and beyond. Throughout this course, candidates acquire and apply operational skills necessary for developing mathematical ideas through symbolic representation and diagrams. They select and apply mathematical techniques and develop their understanding of the interdependencies within Mathematics.

Candidates develop mathematical reasoning skills and gain experience in making informed decisions.

This course is particularly suitable for candidates who:

- have demonstrated an aptitude for National 5 Mathematics
- are interested in developing mathematical techniques to use in further study or in the workplace.

Advanced Higher (Entry: Higher Mathematics pass at A / B grade)

This course will develop, deepen and extend the mathematical skills necessary at this level and beyond. Learners will acquire and apply operational skills necessary for exploring more complex mathematical ideas. In addition, learners will develop mathematical reasoning skills and will gain experience in logical thinking and methods of proof.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Modern Languages

Course Overview

Modern Languages courses provide learners with the opportunity to develop skills in listening, talking, reading and writing which are essential for learning, work and life. Learners have the opportunity to develop understanding of how language works and use language to communicate ideas and information. The course is designed to challenge and encourage pupils to be global citizens.

Progression

National 4

National 5

Higher

Advanced Higher (Consortium)

Pathways

With a real focus on communication it is a useful subject in applying for a wide variety of courses at college and university .

Skills

Improved memory

Problem-solving

Critical –thinking skills

Enhanced concentration

Better listening Skills

Senior Phase Course Outline

Modern Languages in the Senior Phase is a skills based subject focusing on the skills of Reading, Listening, Writing and Talking within the four contexts of Society, Learning, Employability and Culture.

Society: Relationships, everyday life, health and well-being, technology, citizenship and media.

Learning: How to learn, school systems in other countries, school exchanges and gap years and the importance of learning a language.

Employability: CV writing and interview techniques and future Plans

Culture: Planning a trip, celebrations and events in another country, literature of another country (poems, songs and stories), film and television.

National 3 and 4

Both N3 and N4 French/Spanish consist of the 2 units listed below.

Understanding Language: This develops your ability to read and listen to written and spoken French/Spanish.

Using Language: This develops your ability to talk and write in French/Spanish.

There is no external exam.

At National 4 level you will be required to complete a project known as the Added Value Unit, along with unit assessments in all 4 skills.

National 5

Courses in National 5 Modern Languages consist of a **written assignment** completed in class which focuses on a theme of choice. The Assignment is written in school under exam conditions and is externally marked by the SQA. Pupils will also complete a **Talking Presentation and Conversation** with their class teacher which is internally marked.

There is **an external exam** for National 5 which consists of a Reading, Listening and Writing paper.

Higher

The Higher qualification in French/Spanish gives learners the opportunity to reach a stage where the language is used independently in confident and flexible ways.

The course will be assessed through **two question papers (exams)**.

Paper 1 Reading and Directed Writing and Paper 2 Listening.

There is also a **written assignment** and **spoken performance completed in school**. The question papers and assignment will be marked by SQA and the performance will be marked by the school.

further information can be found at
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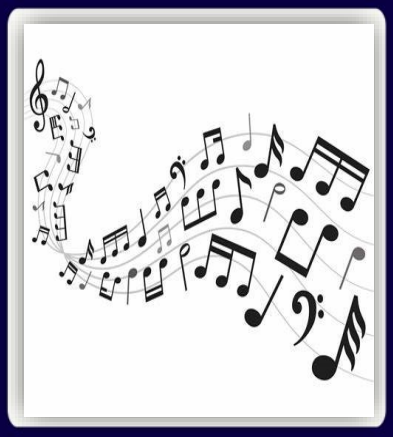
Mon Ame Exalte Le Seigneur

Music



Course Overview

Learners in Music develop key skills in performance, composition and understanding music. Each learner will perform on two different instruments to a visiting examiner from SQA and will be required to sit an understanding music exam. In addition to this you will complete a composition assignment.

Progression

National 5

Higher

NPA Music (Level 6)

Advanced Higher

N5/H Music Technology

Pathways

Further course progression

College/University courses

Creative Industry Employment

Skills

Personal Learning

Analysing and Evaluating

Creating

Problem Solving

National 5

In National 5 Music candidates will develop skills in performance, composition and understanding music. For performance, you will be required to perform on two different instruments at a Grade 3 level for a total of 8 minutes. This amounts to 50% of your overall grade. You are also required to submit a composition assignment, worth 15% of your grade, that you will develop over the course of the year. The final element of the course is understanding music, worth 35%, in which you will learn about musical styles/genres, musical symbols and key concepts.

Your final performance assessment will take place in February/March time when a visiting examiner from SQA will assess your 8 minute programme on both instruments. You will then submit your assignment in April and sit your understanding music exam within the official SQA exam diet.

Higher

In Higher Music candidates will build upon basic skills learned in N5 within performance, composition and understanding music. For performance, you will be required to perform on two different instruments at a Grade 4 level for a total of 12 minutes. This amounts to 50% of your overall grade. You are also required to submit a composition assignment, worth 15% of your grade, that you will develop over the course of the year. The final element of the course is understanding music, worth 35%, in which you will learn about musical styles/genres, musical symbols and key concepts.

Your final performance assessment will take place in February/March time when a visiting examiner from SQA will assess your 12 minute programme on both instruments. You will then submit your assignment in April and sit your understanding music exam within the official SQA exam diet.

Advanced Higher

In Advanced Higher Music candidates will build upon strong skills learned in Higher within performance, composition and understanding music. For performance, you will be required to perform on two different instruments at a Grade 5 level for a total of 18 minutes. This amounts to 50% of your overall grade. You are also required to submit an assignment, worth 15% of your grade, that includes a composition and a written dissertation about a piece of music. The final element of the course is understanding music, worth 35%, in which you will learn about musical styles/genres, musical symbols and key concepts.

Your final performance assessment will take place in May time when a visiting examiner from SQA will assess your 18 minute programme on both instruments. You will then submit your assignment in April and sit your understanding music exam within the official SQA exam diet.

further information can be found at
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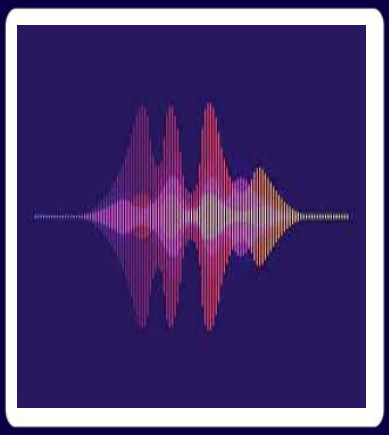
Mon Ame Exalte Le Seigneur



Course Overview

Learners in Music develop key skills in performance, composition and understanding music. Each learner will perform on two different instruments to a visiting examiner from SQA and will be required to sit an understanding music exam. In addition to this you will complete a composition assignment.

Progression

National 5 Music

Higher Music

Advanced Higher (Clydeview)

Pathways

Further course progression

College/University courses

Creative Industry Employment

Skills

Personal Learning

Analysing and Evaluating

Creating

Problem Solving

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Music Technology

National 5

In National 5 Music Technology candidates will develop recording, editing and mixing skills for sound production. Over the course of the year, you will be required to create two projects as an assignment worth 70% of your overall grade. These projects will take the form of a Foley Animation Clip and a Multitrack Recording of a Band. The final 30% of the course is about understanding music of the 20th and 21st century where you will learn about styles/genres from the 1900s to 2010s including styles such as Reggae, Dance Music and Electronica.

You final draft of your assignment will be sent off to SQA to be marked around April with your understanding music exam taking place within the official SQA exam diet.

Higher

In Higher Music Technology candidates will develop strong recording, editing and mixing skills for sound production. Over the course of the year, you will be required to create tone large project as an assignment worth 70% of your overall grade. This project will take the form of a Radio Broadcast. Within this you must cover key recording techniques such as Stereo Micing and use effects and process creatively. You will also be required to manipulate MIDI sounds using MIDI keyboards. The final 30% of the course is about understanding music of the 20th and 21st century where you will learn about styles/genres and other key concepts.

You final draft of your assignment will be sent off to SQA to be marked around April with your understanding music exam taking place within the official SQA exam diet.

Mon Ame Exalte Le Seigneur

NPA Music

Course Overview

Learners undertaking an NPA in either Music Performing or Musical Theatre will develop key performance skills on their chosen discipline. These courses are designed to allow candidates to progress at a rate that is appropriate to them, with required evidence being able to be captured on a continuous assessment basis without a final exam.

Progression

Higher

NPA Music Performing (Level 6)

NPA Musical Theatre (Level 6)

Advanced Higher

Pathways

Further course progression

College/University courses

Creative Industry Employment

Skills

Personal Learning

Analysing and Evaluating

Creating

Problem Solving

NPA Music Performing (Level 6)

An NPA in Music Performing allows you to build upon strong performing skills across two instruments and develop confidence in public performance. There are three units covered:

- Performing on one instrument/voice at Level 6 (Grade 4)
- Performing on one instrument/voice at Level 5 (Grade 3)
- Live Performance

Over the course of the year you will be required to create a successful practice regime, documenting your progress and next steps. You will be required to play your instrument at Level 5 for a total of 4 minutes and your instrument at Level 6 for a total of 10 minutes.

For the final element of the course you will work to put on a public live performance in which you will perform, either a soloist or as part of a group, for a total of 20 minutes. You will work within the class to organise, publicise and rehearse for this event.

All elements of this course are internally assessed by your teacher, meaning there is no final exam to sit.

NPA Musical Theatre (Level 6)

An NPA Musical Theatre allows you to build upon strong singing skills with a musical theatre context. There are three units covered:

- Acting Through Song
- Solo Singing Skills
- Preparation for Audition

Over the course of the year you will learn a total of 6 songs—2 for each unit. You will work within the class to analyse and interpret each character from the song in order to put on a authentic performance. You will learn how to sing safely and will spend time developing singing techniques such as Mixed Voice and Belting. This course also allows you to research how to secure a contract within the wider theatre industry within the preparation for audition unit.

All elements of this course are internally assessed by your teacher, meaning there is no final exam to sit.

further information can be found at
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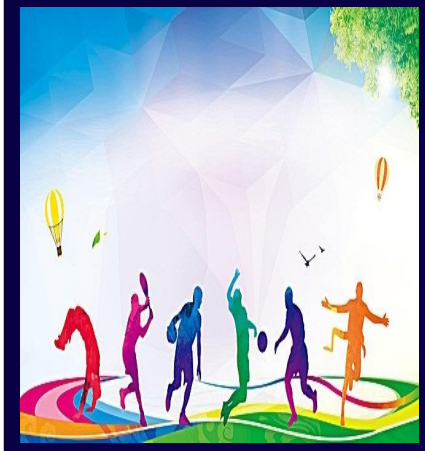
Mon Ame Exalte Le Seigneur

Physical Education



Course Overview

Physical Education aims to develop knowledge, understanding and application of physical skills and competencies. Building on previous experiences, learners will engage in a variety of activities which allow them to demonstrate individual ability and improve activity-specific skills. Learners will be provided with opportunities to gain insight into all aspects of sporting performance, including

Progression

National 5 → Higher

Sport & Recreation

Sports Leadership

Pathways

Further course progression

College/University courses

Skills

Personal Learning

Planning

Analysing and Evaluating

Developing Performance

Develop Confidence

National 5

The National 5 course enables candidates to demonstrate and develop movement and performance skills in physical activities by engaging in practical activities. Learners will be required to demonstrate initiative and decision-making and problem-solving skills. Learners will select two activities, through which they will be assessed internally - this will account for 50% of their overall grade. Learners are required to complete a portfolio of written work, which is externally assessed - this accounts for the remaining 50% of the overall grade.

Higher

The Higher course enables learners to demonstrate and develop a broad and comprehensive range of complex skills in challenging contexts in physical activities. Learners will select two activities, through which they will be assessed internally - this will account for 50% of their overall grade. Learners will then develop the ability to use strategies to make appropriate decisions for effective performance. These strategies will be based on an understanding of the impact of mental, emotional, social and physical factors on performance. Final assessment is an extended exam focusing on learner application of evaluative and analytical skills to familiar and unfamiliar contexts.

NPA Sport & Recreation (SCQF Level 5)

The Course content covers the main practical activities involved in carrying out a supportive role in sport and recreation environments: sourcing information about career pathways, identifying and reviewing skills and experiences; assisting with planning, setting up and delivering activity sessions; dealing effectively and courteously with clients; assisting with emergency procedures; assisting with setting up, dismantling and checking equipment and resources; helping to plan and review a training programme; and establishing good practice in identifying and reviewing goals. The Course also covers health and safety legislation and risk assessment.

Community Sports Leadership (SCQF Level 5)

The community sports leadership award will prepare students to be able to lead activities within their community. Students will participate in a number of lessons and practical activities where they will learn and experience leadership in a sport and physical activity context. Students will need to complete their evidence booklet and complete 5 hours of leadership demonstration, by leading sessions both in school and out in the community.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Course Overview

Religious Education will help you to develop many critical thinking skills, which can allow you to be an independent thinker. It allows pupils to discuss important, real-life issues, and explore and justify their own beliefs & values These skills and attributes will be useful in many careers such as journalism, law, politics, teaching, the police force, social work, medicine, charity work and any job where social skills, moral

Progression

National 4

National 5/ L5 RBV Award

Higher

Pathways

Further course progression

College/University courses

Employment

Skills

Personal Learning

Analysing and Evaluating

Creating

Decision Making

Religious Education

Religious Education in Notre Dame High School

In Notre Dame High School all pupils attend two periods of Religious Education each week. Our courses follow the requirements of *This is our Faith* as mandated by the Bishops Conference of Scotland. In RE classes pupils have the opportunity to learn about, reflect on and understand their Faith, as well as being given the opportunity to put this into practice.

S4— SQA National 4 RMPS

As part of the S4 RE Curriculum all pupils undertake the SQA National 4 qualification in Religious, Moral and Philosophical Studies (RMPS), this means that at the end of S4 pupils will have gained an additional full National 4 qualification in addition to the other subjects they have chosen. As part of this qualification pupils learn about the Catholic Faith and analyse and evaluate the impact and significance of various beliefs and practices. They also reflect on the link between Faith and Moral issues such as Capital Punishment as well as considering key philosophical questions like “why does evil and suffering exist?” This qualification is mainly completed and assessed internally through ongoing assessment. However there is an external component Added value Unit which is completed in February each year and is externally assessed by the SQA.

S5—SQA Level 5 Religion Belief and Values Award

Similar to what happens in S4, all pupils in S5 complete SQA qualification during their learning in Religious Education. In S5 pupils reflect on key moral issues, research a variety of viewpoints and present their findings and their own opinions on these topics. In addition to this pupils have to organise an activity that showcases their values in action. On meeting these two conditions pupils then achieve the level 5 SQA Religion, Belief and Values award.

Higher RMPS

In addition to pupils core learning in RE, Higher RMPS is also offered to pupils in S5/6 as one of their main option choices.

The course cover three topics; World Religion—Christianity, Morality and Justice and the Existence of evil and suffering. The final exam consists of two papers, Paper 1 has 4 essay questions and is worth 60 marks, Paper 2 contains only on essay worth 20 mark. The final exam is worth 73% of the overall mark, with the remaining 27% being based on the Assignment in which pupils research an area of interest and produce an assignment worth 30 marks. The assignment is planned and researched during class time as well as for homework, the final write up is completed in class under exam conditions and is marked externally by the SQA.

further information can be found at
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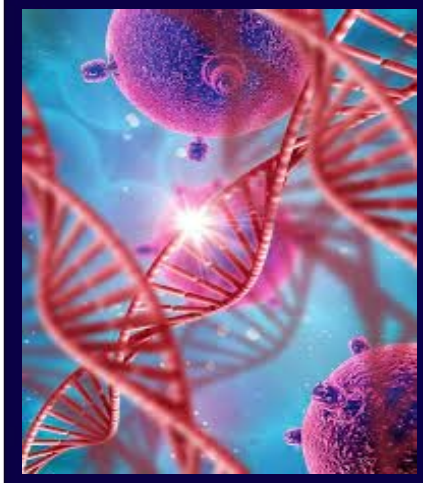
Mon Ame Exalte Le Seigneur

Science: Biology



Course Overview

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

Progression

National 4 → National 5

National 5 → Higher

Higher → Advanced Higher

Pathways

College/University courses

Careers including medicine, dentist, vet medicine, sports science, marine biology, and many more.

Skills

Problem Solving

Resilience

Communication

Creativity

National 5

The course covers major areas of Biology, ranging from cells to whole organisms and the study of ecosystems. Focus on cellular level processes leads to an understanding of the importance and roles of the cell. By comparing the processes in multicellular plants and animals, candidates investigate increasing levels of complexity. The key areas of biodiversity and interdependence are covered, along with the processes leading to evolution, as well as food security and ethical issues.

National 5 Biology is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Higher - Human Biology (Entry: N5 Biology pass at A / B grade)

The course allows candidates to acquire a deeper understanding of cellular processes, physiological mechanisms and their impact on health, aspects of the nervous system, and defence mechanisms in human beings.

The course provides opportunities for candidates to acquire and apply knowledge to evaluate biological issues, assess risk, make informed decisions and develop an ethical view of complex issues.

Higher Human Biology is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Advanced Higher (Entry: H Human Biology pass at A / B grade)

The course provides candidates with the opportunity to develop a deeper understanding of the cell by studying the key roles of proteins within the cell. This understanding of cellular processes is then related to physiological function. At the whole-organism scale, the course explores how sexual reproduction and parasitism are major drivers of evolution. This allows candidates to develop a deeper understanding of the mechanism of evolution.

Advanced Higher Biology is assessed through a final exam and a project, requiring demonstration of the breadth of skills, knowledge and understanding acquired from across the Units in unfamiliar contexts and/or integrated ways.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Science: Chemistry

Course Overview

Chemistry is the study of matter at the level of atoms, molecules, ions and compounds. These substances are the building blocks of life and all of the materials that surround us. Chemists play a vital role in the production and development of everyday commodities.

An experimental and investigative approach is used to develop knowledge and understanding of chemical concepts.

Progression

National 4 → National 5

National 5 → Higher

Higher → Advanced Higher

Pathways

College/University courses

Careers including medicine, dentist, vet medicine, biochemistry, textiles, food industry and many more.

Skills

Problem Solving

Resilience

Communication

Creativity

National 5

The purpose of the course is to develop candidates' curiosity, interest and enthusiasm for Chemistry in a range of contexts. The skills of scientific inquiry are integrated and developed throughout the course. The relevance of Chemistry is highlighted by the study of the applications of Chemistry in everyday contexts.

The course content includes the following areas of Chemistry: chemical changes and structure, nature's chemistry, and chemistry in society.

National 5 Chemistry is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Higher (Entry: N5 Chemistry pass at A / B grade)

Candidates learn concepts used to take a chemical process from the researcher's bench through to industrial production. Studying the mole allows the quantities of reagents required to be calculated, and the quantity of products predicted. By studying energy, rates and equilibria, candidates can suggest how reaction conditions can maximise the profitability of an industrial process. Candidates gain an understanding of chemical bonding and intermolecular forces that allows them to predict the physical properties of materials.

Higher is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Advanced Higher (Entry: Higher Chemistry pass at A / B grade)

The course develops scientific understanding of issues relating to Chemistry, and uses the development of chemical theory to build an extensive set of skills for learners. Through application of a detailed knowledge and understanding of chemical concepts in practical situations, learners develop an appreciation of the impact of Chemistry on their everyday lives.

Practical investigative skills are particularly important at this level. This is reflected in the opportunity to carry out high quality experimental work within all the course units, and particularly in the Advanced Higher Researching Chemistry Unit, which incorporates both practical techniques and skills of scientific investigation.

Advanced Higher Chemistry is assessed through a final exam and a project, requiring demonstration of the breadth of skills, knowledge and understanding acquired from across the Units in unfamiliar contexts and/or integrated ways.

further information can be found at
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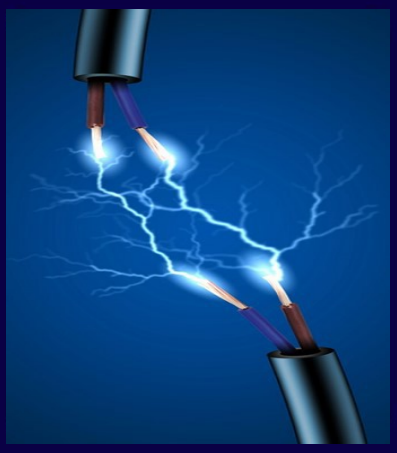
Mon Ame Exalte Le Seigneur

Science: Physics



Course Overview

Physics is the study of matter, energy and the interaction between them. This involves asking fundamental questions and trying to answer them by observing and experimenting. This leads to advances in our understanding of the world around us and often results in technological improvements, which enhance the lives of all.

An experimental and investigative approach is used to develop knowledge and understanding of concepts in physics.

Progression

National 4 → National 5

National 5 → Higher

Higher → Advanced Higher

Pathways

College/University courses

Careers including medicine, dentist, vet medicine, optopmetry, health, leisure, computing and many more.

Skills

Problem Solving

Resilience

Communication

Creativity

National 5

Physics gives candidates an insight into the underlying nature of our world and its place in the universe. From the sources of the energy we use to the exploration of space, the course covers a range of applications of the relationships that have been discovered through experiment and calculation, including those used in modern technology. An experimental and investigative approach is used to develop knowledge and understanding of concepts.

National 5 Physics is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Higher (Entry: N5 Physics pass at A / B grade)

Higher candidates gain a deeper insight into the structure of the subject, and reinforce and extend their knowledge and understanding of the concepts of Physics. Advances in Physics mean that our view of what is pos-sible is continually being updated. The course allows candidates to deepen their understanding of the processes behind scientific advances.

Candidates develop their ability to interpret physical phenomena using mathematical skills, and practise scientific methods from which general relationships are derived.

Higher Physics is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% to-wards a candidate's final grade.

Advanced Higher (Entry: Higher Physics pass at A / B grade)

The Advanced Higher course develops scientific understanding of issues relating to Physics, and uses the development of theory to build an extensive set of skills for learners. Through application of a detailed knowledge and understanding of concepts, in practical situations, learners develop an appreciation of the impact of Physics on their everyday lives.

Practical investigative skills are particularly important at this level. This is reflected in the opportunity to carry out high-quality experimental work within all the course units and particularly in the Advanced Higher project, which incorporates both practical techniques and skills of scientific investigation.

Advanced Higher Physics is assessed through a final exam and a project, requiring demonstration of the breadth of skills, knowledge and understanding acquired from across the Units in unfamiliar contexts and/or integrated ways.

further information can be found at
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Mon Ame Exalte Le Seigneur

Science: Laboratory Skills

Course Overview

Learners will explore a variety of industries and services, and career opportunities, in science laboratories locally, nationally, and globally. hey will develop the basic practical skills and knowledge needed for working in a laboratory: measuring, weighing, preparing compounds and solutions; and health and safety requirements.

Practical skills in microbiology, chemical handling and laboratory instrumentation will be developed.

Progression

National 5 Lab Skills

↓

National 5 Chemistry / Biology

NPA level 6

Pathways

College/University courses

Careers including Science technician, Biomedical sciences, Pharmacist, Forensics, Brewer and many more.

Skills

Problem Solving

Resilience

Communication

Time Management

National 5 Skills for Work (Entry: any science studied in S3)

This course provides learners with the opportunity to learn laboratory skills such as handling chemicals and preparing solutions, and calculate and present results of their practical work. To maintain health and safety while working in a laboratory environment, learners follow safety and security procedures, and carry out a risk assessment. There are opportunities for learners to develop numeracy and communication skills when they record and report on their practical work.

Learners learn how to:

- ✓ work safely with potentially hazardous materials, such as microorganisms
- ✓ measure radioactivity
- ✓ develop competence using laboratory equipment
- ✓ perform a titration, chromatography and distillation

There are 4 units of work which are all internally assessed;

- ✓ Working in a Laboratory
- ✓ Laboratory Science: Practical Skills
- ✓ Laboratory Science: Practical Investigation
- ✓ Careers Using Laboratory Science

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Science: Health Sector

Course Overview

The Health Sector is one of the largest employers in the country and provides employment opportunities through a varied range of disciplines. Primary and secondary care in the NHS are the most common routes to employment, but this course will cover other areas such as complementary therapies, the retail pharmaceutical industry and the community and voluntary sectors.

Progression

National 5 Health Sector

↓

National 5 Laboratory Science

Further education

Pathways

College/University courses

Careers including Health Sector, Life Science Industry and the Health Sector, Social care and many more.

Skills

Problem Solving

Employability Skills

Communication

Time Management

National 5 Skills for Work (Entry: any science studied in S3)

The emphasis of this course is to prepare learners for working in the health sector and develop employability skills valued by employers. Learners will develop a range of knowledge and skills required in this vocational area. Learners will investigate a range of job roles and career opportunities as well as participating in a job interview. Furthermore learners will also develop a wide range of skills, including research and self-evaluation skills. Emphasis throughout all Units is on the employability skills and attitudes which will help in preparation for the workplace.

There are 5 units of work;

1. Physiology of the Cardiovascular System
2. Working in the Health Sector
3. The Life Sciences Industry
4. Working in Non-Clinical Roles
5. Promoting Health and Wellbeing

There is no final exam for this course, however, assessment is ongoing throughout the year. The course assessment can take the form of individual research tasks, group presentations or practical role-play activities.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Science: Practical Electronics

Course Overview

Electronics is vital to everyday life in our society. It continues to be a major contributor to the economy. It is important to areas such as manufacturing, finance, telecommunications, oil extraction, weather forecasting and renewable energy.

You will develop analysis, evaluation and problem solving skills, and learn how to use a range of tools and

Progression

National 5 Practical Electronics

↓

National 5 Physics

National 5 Laboratory Science

Pathways

College/University courses

Careers including communication and media, garage services, engineering and many more.

Skills

Problem Solving

Analysis

Evaluation

Resilience

National 5 (Entry: National 4 Physics or Engineering Science)

The course provides a broad practical introduction to electronics which encourages learners to become responsible and creative in their use of technologies and to develop attributes such as flexibility, enthusiasm, perseverance, reliability and confidence.

The course based on the following areas:

- ✓ Circuit design: key electrical concepts and electronic components, analysis, electronic problems, design solutions to these problems and explore issues relating to electronics.
- ✓ Circuit simulation: use simulation software to assist in the design, construct and test electronic circuits.
- ✓ Circuit construction: assemble a range of electronic circuits, using permanent and non-permanent methods. Developing skills in practical wiring and assembly techniques, carrying out testing and evaluating functionality.

further information can be found at
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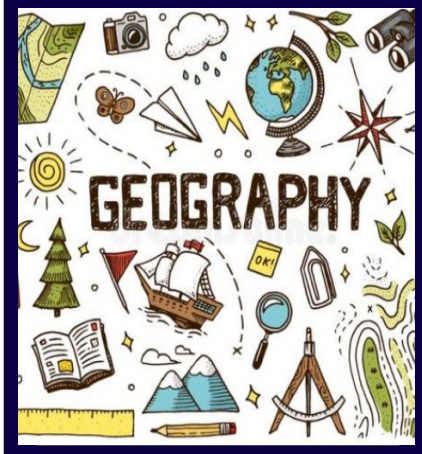
Mon Ame Exalte Le Seigneur

Social Subjects: Geography



Course Overview

Geography fosters positive lifelong attitudes of environmental stewardship, sustainability and global citizenship. This qualification will furnish learners with the knowledge and skills to enable them to contribute

Progression

National 4 Geography

National 5 Geography

Higher Geography

Advanced Higher Geography

Pathways

Further course progression

College/University courses

E.g. BSc/MA/MA (Soc Soc)

Skills

Communication and teamwork skills

Research and analysis skills such as

IT, lab and fieldwork.

Numerical and graphical skills

Mapping skills and techniques

Transferable social and technical

SKILLS

National 4/5

National 4/5 Geography introduces candidates to our changing world, its **human interactions** and **physical processes and global issues**. Candidates develop the knowledge and skills to enable them to contribute to their local communities and wider society. The study of Geography fosters positive lifelong attitudes of environmental stewardship, sustainability and global citizenship. Practical activities, including fieldwork, provide opportunities for candidates to interact with their environment.

Studying **National 4/5 Geography** will help candidates to understand our **physical world**:

- Weather.
- Landscape types: Glaciated uplands and coastal landscapes.

Geography will also help them to understand **human activities** in our world:

- Land uses and land use conflicts, including farming and tourism.
- Changes in towns, cities and rural landscapes in developed and developing countries.
- Population and migration, development and trade.

Geography will also help candidates to understand **global issues:**

- Natural regions –climates and ecosystems in rainforests and tundra.
- Climate Change - causes, effects and management strategies.

Assessment:

National 4 each unit is internally assessed with external verification. To gain the course award, the student must pass all of the units. **National 5** has a written final exam.

Higher

Higher Geography continues to develop candidates' understanding of our changing world, its human interactions and physical processes. Practical activities, including fieldwork, provide opportunities for candidates to interact with their environment. The Higher course encourages positive lifelong attitudes of environmental stewardship, sustainability and global citizenship. The course provides candidates with the skills, knowledge and understanding to contribute effectively to their local communities and wider society.

The course includes **3 sections:**

Physical environments: atmosphere; hydrosphere; lithosphere; and biosphere.

Human environments: population; rural land degradation and management; and urban change and management.

Global issues: Focuses on the interaction of physical and human factors and evaluating the strategies adopted to manage these issues.

Higher has a written final exam.

Studying Geography can lead to a great number of **careers** including cartography, commercial/residential surveying, Environmental consultancy, government, HR, teaching and town planning.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Social Subjects: Travel and Tourism

Course Overview

The specific aims of the course are to:

- prepare learners for work in the travel and tourism industry
- develop customer care skills
- understanding the importance of personal presentation
- develop skills to become effective job-seekers and employees in the travel and tourism industry.
- develop a positive and responsible attitude to work and an understanding of the workplace

Progression

National 5 Geography

Higher Geography

Pathways

Further course progression

College/University course

E.g. HNC Travel and Travel, BSc Business with Tourism

Skills

Communication and teamwork skills

Research skills

Information and Communication Technology

Problem Solving

Working with Others

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.

Learners will develop:

- skills to become effective job-seekers and employees
- skills to deal effectively with all aspects of customer care and customer service in travel and tourism
- the product knowledge and skills to deal effectively with customer enquiries in relation to travel and tourism in Scotland, the rest of the United Kingdom and worldwide.

The course includes **4 units**:

- Scotland
- Employability Skills
- UK and Worldwide Destinations
- Customer Service

Each unit is **internally assessed** with external verification.

To gain the course award, the student must pass all of the units.

Tourism is one of the largest and fastest growing industries in Scotland and demand for qualified staff is only going to increase. Career opportunities within the travel and tourism industry include cabin crew, at airport check-in and airport ground staff, travel agents or overseas as a holiday rep, event organisers, hotel management, museum tour guides, theatre staff, travel guides etc.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Social Subjects: History

Course Overview

The purpose of History is to provide learners with insights into their own lives and the society in which they live. By examining the past, they discover their heritage as members of a community, a country and the wider world. History provides learners with both a perspective on, and an understanding of, the forces which have shaped their own society and societies in other countries.

Progression

National 4, National 5 History

Scottish Studies—Level 5

Higher History

Advanced Higher History

Pathways

Further course progression

College/university courses

Employment

Skills

Analysing and evaluating

Comparing

Source handling

Decision making

National 4

Throughout this course, candidates will acquire breadth and depth in their knowledge and understanding of the past through a variety of time periods. Options cover topics from the later modern periods and include elements of political, social, economic and cultural history. The approach developed and the understanding gained can be applied to other historical settings and issues. Pupils will study Scotland in the Era of the Great War, the Atlantic Slave Trade and Civil Rights in the USA. This is a qualification completed and assessed internally through ongoing collection of evidence.

National 5

This provides candidates with discipline-based knowledge and understanding of historical events, and helps candidates to function as effective contributors to society. They develop important attributes such as self-confidence, an open mind and respect for the values, beliefs and cultures of others, an openness to new types of thinking and ideas, and a sense of responsibility and global citizenship.

Pupils will study three topics throughout this course; Scotland in the Era of the Great War, The Atlantic Slave Trade and Hitler and Nazi Germany. There is an exam with a total of 80 marks which is 100% of the overall award.

Higher

Candidates acquire breadth and depth in their knowledge and understanding of the past through the study of Scottish, British, European and World contexts in a variety of time periods. These include elements of political, social, economic and cultural history. Candidates develop an approach and understanding that they can apply to other historical settings and issues. Pupils will develop a variety of skills in essay writing and source handling.

The course will cover three topics; Migration and Empire, Britain 1851-1951 and Germany 1815-1939. There is a two paper exam for this award. Paper one will consist of two essays, worth 44 marks which is 55% of the overall award. Paper two is a source handling skills paper, worth 36 marks which is 45% of the overall award.

Advanced Higher

The course makes a distinctive contribution to the curriculum by engaging in the issues which arise from significant historical events and developments. The depth of study enables learners to engage fully in historical debate, and thereby develop a deeper appreciation of the forces which have shaped historical developments.

The topic of study for pupils is Northern Britain from the Iron Age to 1034. There is an independent dissertation to be written, worth 50 marks which is 35% of the overall award. There is also an exam comprising of essays and source handling skill questions. This is made up of 90 marks, which is 65% of the overall award.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Social Subjects: Politics (Higher)

Course Overview

The course contributes to candidates' understanding of society by helping them to develop an understanding of political theory, political systems in the UK and international contexts, and factors affecting the electoral performance of political parties. Candidates develop a critical awareness of the nature of politics and the relationship between political theories, systems and parties.

Progression

This is an S6 only option with opportunities for progression through further studies at college or university.

Pathways

Further course progression

College/university courses

Employment

Skills

Analysing and evaluating

Problem solving

Researching

Decision making

Higher Politics will run with the entry requirement of a Higher English and/ or Higher in any other Social Subject.

Candidates develop knowledge and understanding of key political concepts. The theoretical perspective of the course enables candidates to identify, explore and analyse political issues in order to develop their own views and perspectives. Candidates develop analysing and evaluating skills during the course which help them to interpret and understand political issues.

The course consists of three areas of study: Political theory, Political systems, and Political parties and elections. In their study of these three areas candidates develop:

◊ knowledge and understanding of:

- significant political concepts and ideologies of power and authority, socialism, liberalism and conservatism.

- political systems through comparative study of the UK and USA systems including the executive, legislative and constitution.

- political parties and elections focusing on the Labour party.

◊ the ability to analyse and evaluate political ideas, events, issues, systems, parties and electoral performance influenced by voting behaviour.

◊ a range of research, data-handling and evaluating skills.

By studying political concepts, candidates develop political literacy and an understanding of the key features of democratic society. They develop citizenship through deepening their understanding of political issues facing society. The course involves candidates in extensive work to analyse and evaluate different sources of information. These skills can support employment opportunities in careers such as journalism, the police, teaching, human resources, care and many more.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Social Subjects: Criminology (Level 5 NPA)

Course Overview

This National Progression Award (NPA) introduces learners to criminology, including its history, the role of the media and crime prevention. It develops knowledge and understanding of the way crime and the criminal justice system operates and provides bite-sized chunks of learning that are straightforward for learners to study.

Progression

Level 6 NPA Criminology

Level 5 Scottish Studies

National 5 Modern Studies

Pathways

Further course progression

College/university courses

Employment

Skills

Analysing and evaluating

Problem solving

Researching

Decision making

This National Progression Award (NPA) in Criminology covers several areas, starting with Crime in the Community; the causes and extent of crime in the local area, measures of crime prevention in the local area and how this is reported in the media.

The next unit of the course focuses on crime scenes. Pupils will look at the history of crime scenes, crime scene protocols, the role of the First Officer Attending, types of physical evidence and the different roles in the processing of evidence. They will have the opportunity to apply their new knowledge and skills to practice profiling offenders and solve their own classroom murder mystery.

The final unit of the course has a focus on Social Issues in the UK. Pupils will examine in more depth the causes of crime across the country and action by the government and Police Scotland to tackle this. Pupils will then apply their knowledge of crime scenes to court rooms as pupils understand how evidence can be used in court. The pupils will then evaluate the effectiveness of a variety sanctions, including custodial and non-custodial sentencing.

This course will support the development of higher order skills that are useful in many employment situations. Skills such as data handling, critical analysis and complex thinking skills are developed and achieved through the complexity of the material being covered. Further skills such as problem solving, research skills and reaching conclusions are transferable skills advantageous in many occupations. These can open the door to other vocational opportunities existing in administrative or supervisory/ management roles in business, finance, the commercial or public sector and the Police.

The successful completion of this course and internal unit assessments will gain pupils a Level 5 NPA Criminology.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Social Subjects: S3 Leadership Academy—Criminology

Course Overview

This National Progression Award (NPA) introduces learners to criminology, including its history, the role of the media and crime prevention. It develops knowledge and understanding of the way crime and the criminal justice system operates and provides bite-sized chunks of learning that are straightforward for learners to study.

Progression

Level 5 NPA Criminology

Level 5 Scottish Studies

National 5 Modern Studies

Pathways

Further course progression

College/university courses

Employment

Skills

Analysing and evaluating

Problem solving

Researching

Decision making

This National Progression Award (NPA) in Criminology covers several areas, starting with Crime in the Community; the causes and extent of crime in the local area, measures of crime prevention in the local area and how this is reported in the media.

The next section of the course focuses on crime scenes. Pupils will look at the history of crime scenes, crime scene protocols, the role of the First Officer Attending, types of physical evidence and the different roles in the processing of evidence. They will have the opportunity to apply their new knowledge and skills to practice profiling offenders and solve their own classroom murder mystery.

This course will support the development of higher order skills that are useful in many employment situations. Skills such as data handling, critical analysis and complex thinking skills are developed and achieved through the complexity of the material being covered, as well as the activities inherent in the delivery and assessment of the subject matter. Skills such as problem solving, research skills and reaching conclusions are transferable skills advantageous in many occupations.

The successful completion of this course and internal unit assessment will gain pupils a Level 5 NPA Criminology Unit in Crime Scenes.

This award can also lead to employment in a related field of work. Market research demonstrates that such qualifications have desirable practical skills required by employers, such as communication, time management and the ability to work with others. These can open the door to other vocational opportunities existing in administrative or supervisory/management roles in business, finance, the commercial or public sector and the Police.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Social Subjects: S3 Leadership Academy—Psychology

Course Overview

Psychology is the scientific study of human behaviour and mental processes. It is a branch of knowledge that focuses on people as individuals a or in groups. Through this study it is possible to uncover the meanings behind human behaviour. Pupils will gain knowledge and understanding of the contribution of psychological concepts, theories and terminology and its contribution to the modern

Progression

Level 5 NPA Criminology

Level 5 Scottish Studies

National 5 Modern Studies

Pathways

Further course progression

College/university courses

Employment

Skills

Analysing and evaluating

Problem solving

Researching

Decision making

The Psychology NPA is offered for pupils to achieve a Level 5 Unit in Individual Behaviour. Within this topic pupils will learn about psychological theories and conduct research evidence about sleep and dreams and phobias.

When learning about sleep and dreams pupils will be able to: explain REM and non-REM sleep; explain strengths and weakness of the Restoration Theory of Sleep (Oswald 1996); describe the aims, method/procedure and results of Dement and Kleitman's study (1957); explain the psychoanalytic theory of dreams and the strengths and weaknesses of the aims, method/ procedure of Freud's (1909) study of Little Hans.

Within the phobias topic pupils will be able to: describe what is meant by phobias; describe the characteristics of agoraphobia, specific phobia and social anxiety disorder; explain the role of genetic inheritance and the two-process model in the creation of phobias; explain the therapies for phobias and the strengths and weaknesses of the studies used.

Appropriate methods of assessment for this topic may include PowerPoints, posters, presentations with notes, short essay responses or the use of blogs. To achieve their full outcome learners must provide evidence which shows an understanding of: a topic relevant to individual psychology, two features of a topic relevant to individual psychology, two relevant approaches and one theory that contribute to understanding the topic and at least one strength and one weakness of each approach.

The successful completion of this course and internal unit assessment will gain pupils a Level 5 NPA Psychology Unit in Individual Behaviour.

Pupils will develop a range of skills such as selecting, organising and interpreting information, an awareness of ethical and scientific standards, communication and numeracy skills and an open-minded, critical and evaluative approach to study. These skills can support employment

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Social Subjects: Scottish Studies (Level 5)

Scottish society is diverse, encompassing people from a wide range of cultures and historical backgrounds. Through emigration and immigration, Scotland's people and culture have influenced, and in turn been influenced by, the people and cultures of many other countries. Scotland and its people have made, and continue to make, significant contributions in many areas of society both at home and abroad which have lasting effects in areas such as sciences, literature, the arts, industry and the media.

The first unit, *Scotland in Focus,* allows pupils to choose, research and present on any area of life related to Scotland. They can choose how to present this from a variety of formats, such as an extended response, PowerPoint or a poster.

The second unit will have a historical focus in the study of Mary Queen of Scots. This will include an overview of Scottish society at the time, the Church of Scotland and Catholic Church, the Reformation, Mary's policies and her trial and execution. Pupils will demonstrate their learning through ongoing assessment in a format of their choice.

The third unit will have a political focus on Democracy in Scotland. This will cover participation in politics, why it is important to vote, the role of the media, the role of the First Minister and pressure groups. Pupils will demonstrate their learning through ongoing assessment in a format of their

The successful completion of the course and internal assessments will gain pupils a Level 5 Award in Scottish Studies.

This course award can provide a good foundation for progression to training or employment in a variety of sectors including financial services, care, tourism, hospitality and the creative, cultural and heritage industries.

Course Overview

The purpose of this Award is to broaden knowledge of Scotland whilst developing and applying their knowledge and skills to their chosen areas. The study of Scotland's people, society and heritage provides many opportunities for learners to develop their skills, knowledge and understanding, and to make connections across the curriculum.

Progression

Level 5 NPA Criminology

National 5 Modern Studies

National 5 History

Pathways

Further course progression

College/university courses

Employment

Skills

Analysing and evaluating

Problem solving

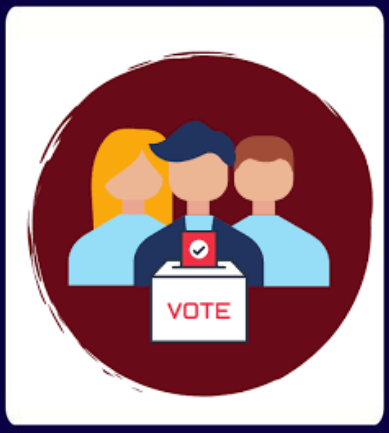
Researching

Decision making

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur

Social Subjects: Modern Studies



Course Overview

The purpose of Modern Studies is to encourage pupils to develop a greater understanding of the contemporary world and their place in it. There are opportunities to develop important attitudes such as respect for the values, beliefs and cultures of others; openness to new thinking and ideas; and a sense of responsibility and global citizenship.

Progression

National 4 Modern Studies

National 5 Modern Studies

Scottish Studies—Level 5

Higher Modern Studies

Pathways

Further course progression

College/university courses

Employment

Skills

Analysing and evaluating

Synthesising

Source handling

Decision making

National 4

The purpose of National 4 Modern Studies is to develop the learner's knowledge and understanding of contemporary political and social issues in local, Scottish, United Kingdom and international contexts. In these contexts, learners will develop an awareness of the social and political issues they will meet in their lives. This purpose will be achieved through successful study of the four units of the course.

Pupils will cover Democracy in Scotland, Crime and the Law and the USA. This is a qualification completed and assessed internally through ongoing collection of evidence.

National 5

National 5 Modern Studies uses a multidisciplinary approach to develop candidates' knowledge and understanding of contemporary political and social issues in local, Scottish, United Kingdom and international contexts. Candidates develop the skills to interpret and participate in the social and political processes they will encounter in their lives.

Pupils will study three units: Democracy in Scotland, Crime and the Law and the USA. They will develop their knowledge and understanding of these topics, as well as, develop three key skills of making conclusions, selecting points of view and justifying their chosen option. Pupils will be required to identify and analyse information from a variety of data sources. There is an exam with a total of 80 marks, which is 100% of their course award.

Higher

Higher Modern Studies uses a multidisciplinary approach to develop candidates' knowledge and understanding of contemporary political and social issues in local, Scottish, United Kingdom and international contexts. Candidates develop the skills to interpret and participate in the social and political processes they encounter in their lives.

Pupils will study three units: Democracy in Scotland & the UK, Social Issues in the UK and World Power: The USA or World Issue: Underdevelopment in Africa. Pupils will gain a deeper level of knowledge and understanding of their topics by analysing and evaluating their information and examples. Pupils will also develop three key skills of making a conclusion, objectively analysing data and evaluating the reliability of different data sources.

There is an exam made of two papers. Paper one will consist of three essays, worth 52 marks. Paper two will consist of three skills questions, worth 28 marks. The total of 80 marks will make up 100% of their course award.

further information can be found at
www.myworldofwork.co.uk ; www.planitplus.net ; www.sqa.org.uk

Mon Ame Exalte Le Seigneur