

# LOSSIEMOUTH HIGH SCHOOL



## CHOICES FOR THE SENIOR PHASE NATIONAL 5

2019-2020

## ART & DESIGN – C804 75

Details on each of these courses are given below. However, please speak to the Principal Teacher of Art who will be willing to give advice on each of the courses listed.

### What do you need to do the course?

- To have completed Art & Design in S3.
- At the discretion of Art department staff.

### What will you learn?

The courses encourage learners to experiment with and use art and design materials in imaginative and creative ways. The course is mostly practical with a key focus of developing creativity. It offers the opportunity to develop practical skills and communicate thoughts and ideas when developing and producing expressive and design work. Written work will look at artists and designers providing inspiration/influence. Learners will reflect on their own work and on the work of others.

The two different courses are devised to benefit pupils at all levels of ability, taking account of the needs of individual pupils and current skills level.

Both National 4 and National 5 have an **Expressive portfolio** and a **Design portfolio**.

The **Expressive portfolio** allows you the opportunity to work on a variety of art activities including drawing, painting, and printmaking, producing a range of observational drawings and expressing the visual elements in a variety of media to develop a final expressive piece of work. Written work will be done to aid practical work and encourage analysis of artists' work and practice.

The **Design portfolio** gives you the chance to solve visual design problems in both two and three dimensions, working to the design process of investigation, ideas/development to solution. Written work will be done to aid practical work and encourage analysis of designers' work and practice.

### How will you be assessed?

National 5 — Work from the expressive and design portfolios is sent to SQA for grading as part of the external assessment. This is 80% of the final assessment.

In addition a **Question paper** set as an exam and marked by SQA is the final 20%. The question paper is on art and design practice and analysis of artists' and designers' work.

### What homework will you have?

Homework involves the use of a sketchbook and is an integral part of the course. Homework involves gathering information, mind mapping, sketching ideas and observational drawing. On average pupils should spend 1 to 2 hours per week on homework.

### What does the course cost?

Please note that there is a charge of **£8** in Art and Design. This provides students with a portfolio, sketchbook and various art materials as a pack.

## BIOLOGY – C807 75

### What will you do?

This course will allow you to increase your knowledge of biology and develop strong laboratory skills. You will also learn how to apply numeracy and literacy in a Biological context.

### What will you learn?

There are four units:

- **Cell Biology** — you will learn about cell structure; transport across cell membranes; DNA and the production of proteins; protein structure and function; genetic engineering and respiration.
- **Multicellular Organisms** — you will learn about producing new cells; control and communication; reproduction, variation and inheritance; transport systems in plants and animals and absorption of materials.
- **Life on Earth** — you will learn about ecosystems; the distribution of organisms; photosynthesis; energy in ecosystems; food production and the evolution of species.
- **Value added unit** — is an assignment that will allow you to show an application of the skills and knowledge that you have gained throughout the course.

### What will be expected of you?

You will be expected to work hard in class and meet deadlines for homework and assignments. If you are absent, you will be required to find out and copy up missed class work as well as any homework that has been issued. It is anticipated that you will do around one and a half hour's worth of homework and revision per week.

### How will you be assessed?

National 5 courses are assessed at the end of the course. You will complete an assignment by the end of February and the final course grade will be awarded on completion of this, and a final, externally assessed examination of two and a half hours duration.

### Progression routes

Pupils who successfully complete National 5 Biology to a high standard will be eligible to progress onto Higher Biology or other Science courses at National 5 level.

**For more information, please contact Mrs A Paterson, PT Biology**

## CHEMISTRY – C813 75

### What will you do?

The aim is to develop skills of scientific inquiry, investigation, analytic thinking and knowledge and understanding of chemistry. The course seeks to engage learners in the study of chemistry and how it relates to everyday life. Through practical experiences learners will investigate and explore chemistry in a range of contexts.

### What will you learn?

The Course consists of 3 Units:

- **Chemical changes and structure** — In this Unit, learners will develop scientific skills and knowledge of the chemical reactions in our world. Through practical experience, learners will investigate average rates of reaction and the chemistry of neutralisation reactions. Focusing on these reactions, learners will work towards the concept of balanced chemical equations. Learners will explore the mole concept, formulae and reaction quantities. The connection between bonding and chemical properties of materials is investigated.
- **Nature's Chemistry** — The Earth has a rich supply of natural resources which are used by all of us. In this Unit, learners will investigate the physical and chemical properties of cycloalkanes, branched chain alkanes and alkenes, and straight chain alcohols and carboxylic acids. They will explore their chemical reactions and their uses in everyday consumer products. Learners will investigate the comparison of energy from different fuels.
- **Chemistry in Society** — In this Unit, learners will develop skills and carry out practical investigations related to the chemistry of materials. Learners will focus on the chemistry of metals and their bonding, reactions and uses. The connection between bonding in plastics, their physical properties and their uses is investigated. Learners will investigate the chemical reactions and processes used to manufacture fertilisers. They will research the use and effect of different types of nuclear radiation. Learners will investigate chemical analysis techniques used for monitoring the environment.
- **Assignment** — Learners will complete an assignment, externally assessed, to show an application of the skills and knowledge that you have gained throughout the course.

### What will be expected of you?

A commitment to hard work and regular studying (1½ hours per week). Homework is set regularly. Students are required to bring their notes to every lesson along with a pen, pencil, ruler and calculator. The highest standard of work is expected from students every lesson and students are expected to take responsibility for their own learning in class and at home. Revision materials are provided on GLOW for pupils to access at home.

### How will you be assessed?

Each unit will be internally assessed with an extension test. A prelim sat in Jan/Feb. External assessment will consist of an end of course exam at the usual time in May/June. Final pass will be grade A-D.

### Progression routes

This course may provide progression to Higher, if a candidate achieves an A/B, or possibly another science at National 5 level.



## COMPUTER GAMES DEVELOPMENT – National Progression Award 4 & 5

The course looks at all aspects of digital media, from sound and video editing, game development, graphic creation to desktop publishing. The aim is that the pupils should leave with a high level of ICT literacy after study across a variety of software and applications. A successful candidate will have developed skills relating to real life issues from looking at enterprising activities to developing skills for the 21st century.

### What will you do?

This is not about PLAYING computer games! This course looks at the skills of designing, creating and evaluating computer games including different styles of games, roles within the gaming industry. The final project is game that will have been designed, planned, created and evaluated.

The course is designed to enable learners to:

- investigate the computing gaming industry/genres/hardware/trends and emerging technologies.
- gain an understanding of underlying concepts and the fundamental principles involved in digital gaming planning and design.
- gain the knowledge and skills required in the creation of media assets and games development.
- work with others to test a game and give constructive feedback.
- collaborate with others in an enterprise activity to promote/market a game.

### What will you learn?

The course consists of 3 Units:

Games: Design

- Identify gaming technologies.
- Identify game genres and design elements.
- Plan and design a computer game.

Media Assets

- Identify media assets in an existing computer game.
- Plan media assets for a specified brief.
- Produce media assets for a specified brief.

Development of a Game

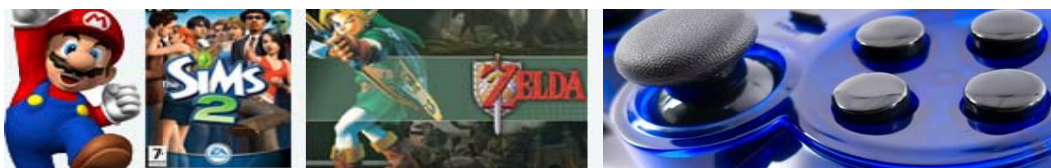
- Create a working computer game.
- Evaluate a computer game.
- Promote a computer game.

### How will you be assessed?

The course is assessed by creating an e-portfolio of work over the one year course, showcasing the best pieces of work achieved, before being externally moderated by the SQA.

### Progression routes

This course progresses to other ICT based courses and also can lead to Level 4 and Level 5 courses in Computer Games Development and Computer Science.



## COMPUTING SCIENCE — C816 75

### Why study Computing Science?

Computing science is vital to everyday life – on social, technological and economic levels. It shapes the world in which we live and its future. Computing is embedded in the world around us, from systems and devices in our homes to our places of work. It has also changed the way we learn, relax, travel and communicate.

Learning computing science will give you many benefits apart from learning about technology. You will learn valuable transferable work and life skills, such as being able to solve problems in a logical way, think creatively and handle information.

The skills you learn in this course are useful in lots of different job areas. These include science, communications, entertainment, education, business and industry.

### What do you need to do this course?

There are no prerequisites for this course.

### What will I study?

This course aims to help you develop a range of computing and computational thinking skills. You will learn how to analyse and solve problems. And, you will develop skills in design and modelling, developing, implementing and testing digital solutions across a range of contemporary contexts. You will also look at the legal and environmental impact of computing technologies.

### The course has four areas of study.

#### Software design and development

- develop your programming and computational-thinking skills by implementing practical solutions.
- be expected to analyse problems, and design, implement, test and evaluate your solutions.

#### Computer systems

- develop an understanding of how data and instructions are stored in binary form and basic computer architecture
- gain an awareness of the environmental impact of the energy use of computing systems and security precautions that can be taken to protect computer systems.

#### Database design and development

- apply computational-thinking skills to analyse, design, implement, test, and evaluate practical solutions, using a range of development tools such as SQL.

#### Web design and development

- apply computational-thinking skills to analyse, design, implement, test and evaluate web-based problems, using a range of development tools such as HTML, CSS and Javascript.

### How will I be assessed?

The course assessment has two components totalling 160 marks:

- Component 1: question paper – worth 110 marks
- Component 2: assignment – worth 50 marks.

Your assignment will be set by the Scottish Qualifications Authority (SQA) and marked by the SQA.

The question paper will be set and marked externally by the SQA. The grade awarded is based on the total marks achieved across all course assessment components and graded A-D.

### Progression routes

This course progresses to Higher and Advanced Higher Computer Science and NPA level 44, 45 and 46 NPAs in Games Development or Web Design and Development.

## DRAMA – C821 75

### Who should consider this course?

- Students who have completed National 4 Drama or those who have attained the necessary skills, knowledge and understanding at an equivalent level
- Students with an interest in drama who enjoy learning through practical experience
- Students planning a career which involves working with people (Educational Drama is all about communication!)

### What subject skills, knowledge & understanding will you develop in the N5 drama course?

- the ability to respond to a range of stimuli, including text, when creating drama
- the ability to work with others effectively to share and use drama ideas
- an awareness of social and cultural influences when creating drama
- the ability to explore drama form, structure, genre and style
- knowledge and understanding of a range of production skills
- the ability to use a range of drama and production skills when presenting
- the ability to use evaluative skills in relation to your own and others' work

A qualification in Drama allows students to develop transferable skills which are desirable for a wide range of careers, skills which many employers look for in prospective employees. Skills such as:

<b>Creative thinking</b>	<b>Leadership</b>	<b>Presentation</b>	<b>Cooperation</b>
<b>Teamwork</b>	<b>Critical Evaluation</b>	<b>Research</b>	<b>Literacy</b>
<b>Communication</b>	<b>Negotiation</b>	<b>Planning</b>	<b>Listening Skills</b>

A drama qualification can support you in pursuing a career within industries such as:

**Arts Administration**  
**Drama Therapy**  
**Events Management**  
**Law**  
**Social Work**



**Broadcasting**  
**Education**  
**Journalism**  
**Marketing**  
**Theatre**

### COURSE STRUCTURE

#### Drama Skills

Pupils will devise and present their own production to an audience. A topic or theme of interest to the class is selected and researched. Each pupil will take responsibility for a particular part of the production, working with others to develop a drama for presentation to an audience

#### Production Skills

Pupils will take on an acting role using a published script. They will also learn about a range of production skills: set design, props & set dressing, costume design, make-up & hair design, lighting design and sound design, before specialising in one particular role. These skills will then be applied in performance.

#### Course Assessment

**A QUESTION PAPER (40% of the overall course award)**

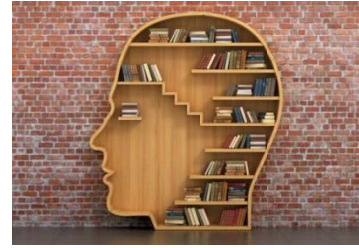
**A PRACTICAL PERFORMANCE (60% of the overall course award). Students can be assessed in either an acting or a production role.**

#### Further study:

This Course may provide progression to other qualifications in Drama such as Higher/Advanced Higher Drama; NC in Acting & Theatre Performance or further study, employment and/or training.

## ENGLISH – C824 75

National 5 English is extremely demanding. Building on previous experiences in the broad general education and/or National 3/4, pupils will develop their skills across reading, writing, talking and listening. It is most appropriate for pupils who are working confidently within the fourth level by the end of S3.



### Course Structure & Assessment

Assessment for National 5 English is a combination of internal and external assessment across the four elements of reading, writing, talking and listening. Most pupils will also gain National 5 Literacy as they prepare for National 5 English.

### Internal Assessment



#### Performance – Spoken Language

Pupils are required to engage in a group discussion and/or individual presentation activity in which they demonstrate their talking and listening abilities. This assessment is pass/fail: i.e. it does not contribute to the overall grade awarded but must be passed in order to obtain the overall course award.

### External Assessment

**Writing Portfolio** – This comprises of one creative and one discursive essay. Combined they are worth 30% of the overall grade.

**Paper One: Reading for Understanding, Analysis and Evaluation (1 hour)** – This involves reading an unseen text and responding to questions which test their comprehension as well as their ability to explain how the writer's use of language develops their argument. It has been previously known as close reading or interpretation. This is worth 30% of the overall award.

#### Fiction



#### Paper Two: Critical Reading (1 hour 30 minutes)

**Part One - Textual Analysis of Scottish texts** In class, pupils will study one or two Scottish texts from a list set by the SQA. In the exam pupils will be given a specific passage from the text, and will be expected to answer several questions on the passage as well as a final question which asks them to comment on an aspect of the passage (e.g. character, theme) in relation to the text as a whole. This is worth 20% of the overall award.

**Part Two - Critical Essay** – Pupils will study at least two texts of different genres throughout the year. In the exam they will have to select and respond to one essay question. This is worth 20% of the overall award.

### Progression routes

Pathways for progression include Higher English.





## FASHION AND TEXTILE TECHNOLOGY - C828 75

### What will you learn?

This is a practical course which will develop your knowledge, understanding and skills related to fabric, textiles and sewing. It aims to foster creativity as well as vocational skills. You will learn how to plan, prepare, make and evaluate garments and textile items. This course will suit you if you enjoy using art and design skills in a creative and practical way.

The course comprises **three** areas of study.

#### Textile Technology

#### Fashion and Textiles Product Development

#### Fashion and Textile Choices

The overview of the subject skills, knowledge and understanding developed in the course:

- detailed understanding of textile characteristics,
- detailed understanding of textile characteristics, properties and technologies
- applying a detailed range of textile construction techniques
- explaining factors that affect fashion/textile choices
- explaining fashion/textile trends
- planning and making detailed fashion/textile items to an appropriate standard of quality
- demonstrating appropriate selection, set up, adjusting and use of tools and equipment, safely and correctly
- detailed evaluation of fashion/textile items
- detailed investigation and presentation skills

### How will you be assessed?

The course assessment has **three** components **totalling 130 marks**:

- Component 1: question paper – worth 30 marks
- Component 2: assignment – worth 50 marks
- Component 3: practical activity – worth 75 marks.

Component 2 and component 3 are inter-related and will be assessed using one activity. You will carry out one task — designing, planning, making, finishing and evaluating a textile piece — this will provide evidence for both components. Both the assignment and the question paper will be set and externally marked by the Scottish Qualifications Authority (SQA). The practical activity will be set by SQA and will be assessed internally, with external quality assurance by SQA. The grade awarded is based on the total marks achieved across all course assessment components. The course assessment is graded A-D.

### What does the course cost?

As there is a practical element to the course, pupils are required to make a contribution towards the cost of materials used during the course. (Approximately £25)

## FRENCH – C830 75

### Why study French?

Learning a new language allows you to connect with different people and their cultures. The ability to use language is at the centre of thinking. You reflect, communicate and develop ideas through language. French is spoken in around 30 countries. These include: Belgium, Canada, Switzerland and many countries in central and north Africa. It is one of the official languages of the European Union. It is a valuable language in many different career areas and, of course, is useful when you are on holiday or travelling in France and other French-speaking countries.

Pupils encounter a wide range of different types of texts in different media. The National 5 course enables learners to communicate, be critical thinkers, develop cultural awareness, and be creative.

### What will I study?

This course offers you the opportunity to develop your skills in reading, listening, talking and writing in French, which are essential for learning, work and life. You will also learn to understand how language works and how to communicate information and ideas. You will study a wide range of various types of texts in a variety media. You will also learn to think critically, creatively and develop cultural awareness.

The course comprises **three** areas of study:

#### Reading and Writing; Listening

You will develop:

- reading, writing and listening skills in French/Spanish
- your knowledge of detailed language in the contexts of society, learning, employability a



#### Assignment – Writing

You will develop:

- writing and grammatical skills in French
- your knowledge and understanding of detailed language in the contexts of society, learning, employability and culture.

#### Performance – Talking

You will develop:

- talking and writing skills in French
- your knowledge and understanding of detailed language in the contexts of society, learning, employability and culture.

### How will I be assessed?

The course assessment has **five** components totalling **120 marks**:

- Component 1: Question Paper 1: Reading – worth 30 marks (scaled to 30)
- Component 2: Question Paper 1: Writing – worth 20 marks (scaled to 15)
- Component 3: Question Paper 2: Listening – worth 20 marks (scaled to 30)
- Component 4: Assignment - Writing – worth 20 marks (scaled to 15)
- Component 5: Performance - Talking – worth 30 marks (scaled to 30)

For the performance component, you will be asked to deliver a spoken presentation and take part in a conversation in French in one of the following contexts: society, learning, employability or culture.

The question papers will be set and marked externally by the SQA. The grade awarded (A to D) is based on the total marks achieved across all course assessment components.

### What can I go on to next?

- If you complete the course successfully, it may lead to Higher French.
- Further study, training or employment in Arts, Social Sciences and Languages; Buying, Selling and Related Work; Hospitality, Leisure and Tourism; Languages; Teaching and Classroom Support.

## GEOGRAPHY – C833 75

### What will you learn?

The National 5 has 3 units of classwork plus a practical Added Value unit:

#### Unit 1: Physical Environments

This Unit has three areas of study:

- British weather** — How our weather changes as mid-latitudes, depressions and high pressure systems affect the country. This includes an observational weather study of how a depression affects the local area that can be kept for use as the Added Value study for S4.
- Glacial landscapes** — How ice has changed the landscape of the mountainous areas of the UK and how people make a living in these landscapes. This includes a case study of the Lake District.
- Coastal landscapes** — How beach and cliff coasts are formed and how people use these landscapes for work and for recreation. This includes a case study of the Dorset coast.

#### Unit 2: Human Environments

- Urban change in developed countries:** Case study of Glasgow
- Rural change in developed countries:** Case study of changes in British farming
- Urban change in developing countries:** Case study of Rio de Janeiro
- Rural change in developing countries:** Case study of rice farming in SE Asia
- The third unit of study is Population:** This unit looks at causes and consequences of population structure, growth and decline. Case studies and examples from both developed and developing countries

#### Unit 3: Global Environments

This Unit has two separate topics, each with their own detailed case studies:

- Environmental hazards:** Earthquakes --- Japan 2011;  
Volcanoes --- Montserrat 1995;  
Tropical Storms --- Hurricane Katrina 2005;  
Droughts
- Development and Health:** Global health issues – heart disease, malaria and AIDS;  
Changing levels of development and health;  
Reducing global health issues.

The course does not have unit assessments but has a longer final exam in their place. This exam is set and marked externally by the SQA and takes place in May. The exam is worth 80 marks and the research assignment (AVU) 20 marks, both being conducted under timed conditions. The AVU is based on the S3 fieldwork or an alternative weather assignment, is conducted with teacher support and written up under exam conditions in a one hour sitting. The AVU is marked externally by the SQA.



## GRAPHIC COMMUNICATION – C835 75

### What do you need to do the course?

Pupils would normally have completed the National 4 Graphic Communication course or the Graphic Communication course in S3. Pupils who have not completed a Graphic Communication course previously must discuss their interest in the course with a member of the Technical staff.

### What will you do?

This course will teach you how to read, interpret and create graphic communications. You will develop skills in spatial awareness and visual language. And, you will learn how to use graphic communication equipment, software and materials effectively. You will also look at how graphic communication technologies impact on our environment and society.

The course comprises **two** areas of study.

#### 2D Graphic Communication

You will:

- develop creativity and skills within a 2D graphic communication context
- initiate, develop and communicate ideas using graphic techniques in straightforward and familiar contexts
- develop your skills in less familiar or new contexts
- develop 2D graphic spatial awareness.

#### 3D and Pictorial Graphic Communication

You will:

- develop creativity and skills within a 3D and pictorial graphic communication context
- initiate, develop and communicate ideas using graphic techniques in straightforward and familiar contexts
- develop your skills in less familiar or new contexts
- develop 3D graphic spatial awareness.

### Course Assessment

The course assessment has **two** components **totalling 120 marks**:

- Component 1: question paper – worth 80 marks
- Component 2: assignment – worth 40 marks.

For the assignment component, you will be asked to create a set of preliminary, production and promotional graphics in answer to a brief and produce evidence of how you planned and evaluated your work. The assignment component will be set and externally assessed by the Scottish Qualifications Authority (SQA).

The question paper will be set and marked externally by the SQA.

The grade awarded is based on the total marks achieved across all course assessment components.

The course assessment is graded A-D.

### Progression routes

If you complete the course successfully, it may lead to:

- Higher Graphic Communication
- Further study, training or employment in: Art and Design; Computing and ICT; Construction; Engineering; Manufacturing Industries; Science and Mathematics.

## HISTORY – C837 75



National 5 History is a year long course split into 4 sections. You will study a period of Scottish history, one of British history and one taken from a European and World context. You will also spend some time producing an extended piece of work, researched on a topic you have chosen.



For the National 5 course you will have an exam at the end of the course marked by the SQA, along with your extended study. The exam is 2 hours and 20 minutes long and is marked externally.

**Scottish Section** — Here we study the Era of the Great War, 1910 – 1928. We look at how the war era affected Scotland and how Scottish troops fared on the battlefields of Europe.

You will be developing historical skills including the evaluation of the usefulness of historical sources, evaluating the content of historical sources and comparing historical sources. You will also be able to describe and explain key events within these historical time frames, as well as being able to analyse information to answer a question. You will be assessed throughout the study of the unit and we will work on this unit through the winter and spring term.

**British Section** — Within this section you will study one of two historical time periods, either Britain's involvement in the Atlantic Slave Trade of 1770 – 1807 or Changing Britain between 1760 – 1900, looking at the changes made by and the impact of the Industrial Revolution.

Within this section you will be practising your skills for the exam and developing your ability to analyse evidence. We study this section after the prelims in the Spring and Summer term.

**European and World Section** — Within this section you will study a course called 'Free at Last', which looks at the fight for civil rights in America from the early 20th century through to the early 1970s.

In this section you will look at why and how these events happened. You will study this section first and within it you will be introduced to the skills you need to answer the exam questions.



**Assignment** — The Assignment involves you choosing a question and collecting a variety of evidence. You will use your information to answer a question in detail and with lots of explanation and analysis, considering different points of view and putting your information into an extended essay format which includes an introduction and conclusion. You will also have to use historians' views. This will then be written up in exam conditions in class and sent to the SQA for marking. It is worth 20% of your final grade and is an excellent way to boost your score.

Overall, all courses include lots of variety, interesting topics and varied tasks. There will be regular homework to practise your skills. They will help considerably with your literacy and writing skills, both very valuable in the work place. They will make you think and maybe help you to make difficult decisions with regard to other people and what you want to do in the world. They include many skills you will need in the workplace such as using large amounts of information, sorting information, presenting information, time management and organisation.

## HOSPITALITY - PRACTICAL CAKE CRAFT – C838 75

### What will you learn?

This is a practical course which will develop your Bakery Skills. It aims to foster creativity as well as vocational skills. You will learn how to plan, prepare and bake cakes that look good, taste good and are safe to eat. Baking and decorating cakes will suit you if you enjoy using art and design skills in a creative and practical way.

Cake production is part of the Scottish hospitality industry, which is vibrant and growing. The course is a springboard for a range of careers in the hospitality industry, which employs a significant proportion of the nation's workforce.

The course is practical and relevant to the world of work. You will learn how to research recipes, trends and designs, and experiment with recipes, cake designs and finishing techniques. You will also learn how to interpret a design brief to create your own innovative cakes and biscuits.

The course comprises **two** areas of study.

### Cake Baking

You will:

- learn a range of techniques and processes used to produce cakes and other baked goods
- prepare for baking activities
- bake a range of cakes and other chosen items from a list that includes sponge cakes; Madeira cakes; fruit cakes; tray bakes/biscuits.

### Cake Finishing

You will:

- learn how to creatively finish cakes and other baked items safely and hygienically
- prepare for finishing cakes and other baked items
- apply a range of finishing techniques to cakes and other baked items.

### How will you be assessed?

The course assessment has **three** components **totalling 125 marks**:

- Component 1: question paper – worth 25 marks
- Component 2: assignment – worth 30 marks
- Component 3: practical activity – worth 70 marks.

Component 2 and component 3 are inter-related and will be assessed using one activity. You will carry out one task — designing, planning, making, finishing and evaluating a cake — which will provide evidence for both components. Both the assignment and the question paper will be set and externally marked by the Scottish Qualifications Authority (SQA). The practical activity will be set by SQA and will be assessed internally, with external quality assurance by SQA. The grade awarded is based on the total marks achieved across all course assessment components. The course assessment is graded A-D.

### What does the course cost?

As there is a practical element to the course, pupils are required to make a contribution towards the cost of foodstuffs used during the course (approximately £45).

## HOSPITALITY - PRACTICAL COOKERY – National 4 / 5

### What will you learn?

- Proficiency in a range of cookery skills, food preparation techniques and cookery processes when following recipes
- The ability to select and use ingredients to produce and garnish or decorate dishes
- An understanding of ingredients from different sources and their uses and an awareness of responsible sourcing
- The ability to choose, weigh, measure and cost appropriate ingredients and calculate proportions
- An awareness of current dietary advice relating to the use of ingredients
- The ability to work safely and hygienically
- Organisational and time-management skills in a largely familiar
- cookery context
- Analytical, creative and evaluative skills



This is a practical skills based course following 3 main areas of study/units:

1. Cookery Skills, Techniques and Processes
2. Understanding and Using Ingredients
3. Organisational Skills for Cooking

### How will you be assessed?

The course will be assessed through a question paper (exam), an assignment and a practical activity, and will be graded A to D.

- The question paper and assignment will be marked externally by SQA, and the practical activity will be marked internally by your teacher and will be quality assured by SQA.
- The question paper is worth 30 marks and makes up 25% of the total assessment mark. Learners will answer questions which assess knowledge and understanding of food preparation, ingredients, dietary advice, food safety and hygiene, and their ability to cost recipes and evaluate dishes.
- The assignment is worth 18 marks and the practical activity is worth 82 marks. They are inter-related and will be assessed using one activity, which makes up 75% of the total assessment mark. Learners will plan (assignment) and produce (practical activity) a three course meal to a given specification and timescale.

### What do you need to do the course?

This course will be suitable for any pupil who has an interest in food and cooking; at home, for further study/training or for future careers. The National 4 course is intended to follow on from the work done in S3 **Home Economics**. The National 5 course is suitable for pupils who have successfully completed N4 hospitality practical cookery course or have reached level 4 in BGE S3 practical cookery.

### What does the course cost?

As there is a large consumable element to the course, pupils are required to contribute towards the overall cost of foodstuffs used during the course (approximately £50).

## APPLICATIONS OF MATHEMATICS – C844 75

### What will you learn?

The course aims to:

- ❖ Develop skills in problem solving in order to solve real life problems.
- ❖ Allow learners to interpret, communicate and manage information in mathematical form.
- ❖ Develop skills relevant to learning, life and work.

There are 3 units of study in National 5 Mathematics. These are:

- ❖ Numeracy
- ❖ Geometry & Measures
- ❖ Finance & Statistics

### How will you be assessed?

Unit assessments and extended unit assessments will be used to assess progress through the course. In addition there is an end of course assessment which is externally assessed by the by the SQA. Pupils must pass this assessment in order to gain an overall course award.

### Progression routes

Pupils who successfully complete National 5 Applications of Mathematics will be able to go on and study National 5 Mathematics.

## MATHEMATICS – C847 75

### What will you learn?

The course aims to:

- ❖ Develop skills in manipulation of abstract terms in order to solve problems and to generalise.
- ❖ Allow learners to interpret, communicate and manage information in mathematical form, skills which are vital to scientific and technological research and development.
- ❖ Develop the learner's skills in using mathematical language and to explore mathematical ideas.
- ❖ Develop skills relevant to learning, life and work.

There are 3 units of study in National 5 Mathematics. These are:

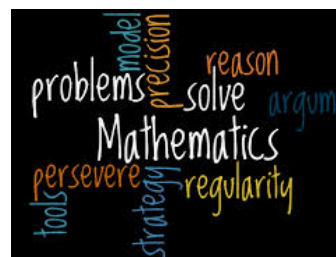
- ❖ Expressions and Formulae
- ❖ Relationships
- ❖ Applications

### How will you be assessed?

Unit assessments and extended unit assessments will be used to assess progress through the course. In addition there is an end of course assessment which is externally assessed by the by the SQA. Pupils must pass this assessment in order to gain an overall course award.

### Progression routes

Pupils who successfully complete National 5 Mathematics will be able to go on and study Higher Mathematics.





## MEDIA – C848 75

### Why should I study Media?

Media is everywhere – we contribute to and are influenced by it on a daily basis. By exploring the KEY ASPECTS of media, we will attempt to understand how and why this is.

In addition, studying Media will complement and be complemented by your other interests and subjects including Business, English, Modern Studies and ICT.



### What will I learn about and study?

Media is not just about watching films! We will look at and develop a range of media informed by the class's interests. Here are some examples from previous years:

- Skyfall and the James Bond Franchise
- Perfume print ads by Prada, Chloe, Marc Jacobs and Estee Lauder
- M&S 'Adventures in Food' Campaign (2014)
- Coco Mademoiselle mini-film ad, starring Keira Knightley

We will look at the role of media in society, how it is regulated and theoretical approaches to media texts. We will also be looking at technical features both in general and specific to genre.

There are two overlapping and complementary elements to the course:



### Analysis and Evaluation

This involves using the key aspects to explore the *what?* *why?* and *how?* of specific media texts.



**Creation and Production** This involves developing your own media texts (or part thereof) such as a podcast, an advert or a short documentary. Here you will develop your knowledge of the production process and practical skills associated with it.

### How will I be assessed?

Assignment - Learners are required to create media content in response to a negotiated brief.

Section 1 - Planning (25 marks)

Section 2 – Development (35 marks)

Question Paper – Analysis of Media Content (2 hrs)

Section 1 - candidates are expected to discuss media texts in relation to questions focussing on various key aspects (50 marks)

Section 2 – choice of unseen textual analysis from i) a pair of film posters ii) a pair of magazine covers and iii) a pair of print adverts (10 marks)

**Both of these are marked by the SQA. Course Assessment is graded A-D.**

### What progression routes are there?

You could go on to Media at Higher.

## MODERN STUDIES – C849 75

### Purpose and aims of the Course

Modern Studies opens up the world of contemporary society for learners.

The purpose of Modern Studies is to develop the learner's knowledge and understanding of contemporary political and social issues. The course will develop the skills to help learners interpret and participate in the social and political processes they will encounter now and in the future.

### What will I study?

#### ***Unit 1: Democracy in Scotland***

- The powers of the Scottish Parliament and the role of MSPs
- The voting system for the Scottish Parliament
- Ways in which individuals and groups can participate in politics
- Influences on the Scottish Parliament such as the media or pressure groups
- The use of source evidence to detect exaggeration

#### ***Unit 2: Crime and the Law in Scotland and the UK.***

- Social, economic and biological explanations of crime
- Consequences of crime on individuals/ families and communities and the wider society.
- Responses to crime such as the work of the police, courts and sentencing
- The use of source evidence to make and justify a decision

#### ***Unit 3: The study of a world power: The USA***

- Social and economic inequalities such as poverty and immigration
- The American political system
- The impact of the USA on other countries.
- The use of source evidence to draw conclusions on a social or political issue

### How will I be assessed?

National 5 is assessed by an external assessment that is worth 80 marks and a research assignment worth 20 marks which are both conducted in timed conditions and externally marked by the SQA.

For the assignment you will be asked to choose a contemporary issue to research and to produce a written report on your findings.

### What can I go on to next?

Following this course you could go on to study Higher Modern Studies and potentially Higher Politics in school. Alternatively it could lead to further study in the humanities, communications and media, law, public services administration or social caring and advisory services sectors.



## MUSIC – C850 75

The purpose of this course is to provide a broad practical experience of performing, creating music and understanding music.

### Context for Learning

The course will enable pupils to:

- demonstrate their performing skills by presenting a prepared 8 minute programme of music. The following aspects of performance are assessed: melodic accuracy/intonation; rhythmic accuracy; maintaining tempo and flow of the music; conveying mood and character; instrumental/vocal tone; dynamics
- explore and develop musical ideas to create music
- explore the social and cultural influences on music through the ages
- broaden their knowledge and understanding of music and musical literacy by listening to music and identifying level-specific music signs, symbols and music concepts
- reflect on their own work and that of others

### Assessment

To gain the award of the course, the learner must pass three course assessments which will all be assessed externally:

#### Performing Exam

During this exam, candidates will perform a total of eight minutes on two instruments with a minimum of 2 minutes on one instrument. This performance will have 60 marks (50% of the total mark). The performances can be solo and/or in a group setting. This will be assessed by an external examiner.

#### Composing Assignment

Candidates are required to provide a completed composition and composing review 30 marks (15% of the total mark).

#### Question Paper

This question paper will give learners an opportunity to demonstrate the following skills - knowledge of a range of music concepts, music literacy and music styles. This question paper will have 40 marks (35% of the total marks)

#### Skills for Learning, Skills for Life and Skills for Work

It is expected that pupils will develop a broad range of skills through the course which will help to prepare them for the life of work including improved communication, creative thinking and organisational skills.

### Progression

This course may provide progression to:

- Higher Music (National 5 A/B entry level)
- Further study, employment and/or training

## PHYSICAL EDUCATION – C856 75

### Purpose and aims of the Course

Physical Education gives you the opportunity to develop sports performance skills in physical activities. You will develop your movement ability by taking part in team games and solo activities. You will learn about the link between fitness and good health. It is particularly suitable for those who love physical activity and enjoy learning in practical ways.

### What will you study?

Physical Education is a practical subject that develops your physical movement and performance skills. You may experience a range of activities such as indoor and outdoor team games, racquet sports, fitness related activities, athletics and swimming. You will learn how to reflect on and develop your performance.

The course comprises two areas of study.

#### Physical Education: Performance Skills

You will:

- develop your range of movement and performance skills
- learn how to select, use, demonstrate and adapt these skills
- develop consistency in control and fluency during movement to enable you to perform safely and effectively.

#### Physical Education: Factors Impacting on Performance

You will:

- develop your understanding of the factors that affect physical performance
- consider the effects of mental, emotional, social and physical factors on performance
- learn how to plan for, monitor, record and evaluate the process of personal performance.

### How will you be assessed?

#### Course Assessment

The course assessment has two components totalling 120 marks:

Component 1: Portfolio – worth 60 marks. This is set and externally marked by SQA.

Component 2: Performance – worth 60 marks. This is internally marked by your school. It will be externally verified by SQA.

The grade awarded is based on the total marks achieved across all course assessment components. The course assessment is graded A-D.

### What can I go on to next?

If you complete the course successfully, it may lead to:

- Higher Physical Education
- Further study, training or employment in Sport, Teaching and Classroom Support, Uniformed and Security Services

## PHYSICS – C857 75

### What will you do?

To introduce Physics through its impact on everyday life, and to progress from familiar and unfamiliar applications to a study of the underlying principles.

### What will you learn?

The Course consists of 6 topics:

- **Dynamics:** you will study Newton's laws; projectile motion; energy transformation and the physics of motion.
- **Space:** you will study cosmology; including astrophysics and information about space exploration.
- **Waves:** you will study the physics related to electromagnetic waves and their everyday uses in medicine and industry and the properties of light (and other waves).
- **Radiation:** you will study nuclear radiation (including investigating the production, use and dangers of radioactive substances).
- **Electricity:** you will study the uses of electrostatics e.g. laser printers and forensic science, the acceleration of charged particles and solving every day practical problems by designing electrical and electronic circuits;
- **Properties of matter:** you will study the everyday applications of heat e.g. specialist clothing developed for NASA and the physics of gases.
- **Assignment:** you will investigate a topical issue in physics, research the underlying physics of your chosen topic, carry out a practical investigation and then write a summary of your findings which is then externally examined.

### What will be expected of you?

A commitment to work hard and regular study. Homework is set regularly (1½ hours a week). Students are required to bring their jotter to every lesson along with a pen, pencil, ruler and calculator. The highest standard of work is expected from students every lesson and students are expected to take responsibility for their own learning in class and at home.

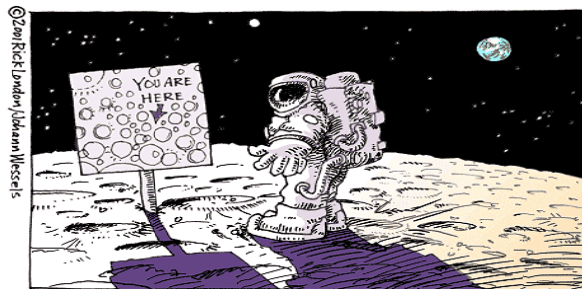
### How will you be assessed?

Progress will be continually assessed throughout the course. The assessment method will vary. Assessment could include investigations, posters, essays, presentations, learning journals, tasks completed in the student's jotter and tests. Also, this will involve sitting a final externally assessed examination including the assignment write up.

### What will be your progression?

This course or its units may provide progression to Higher or possibly another science or Practical Electronics at National 5 level.

**For more information please contact: Mrs J Baird, Principal Teacher Physics**



## PRACTICAL WOODWORKING – C862 75

### What do you need to do the course?

Pupils would normally have completed the National 4 Practical Woodworking course or the Practical Woodworking course in S3. Pupils who have not completed a Practical Woodworking course previously must discuss their interest in the course with a member of the Technical staff.

### What will you learn?

This course will give you a broad introduction to practical woodworking skills. You will learn the correct use of tools and equipment, and a range of materials, processes and techniques. You will be able to read and interpret diagrams, and work safely in a workshop-based setting. You will get to use some creative skills, and plan your activities through to completing a finished product in wood.

This course will help you develop and enhance your practical, creative and problem solving skills. You will learn about the correct use of a range of tools, equipment and a range of woodworking materials. And, you will learn how to work effectively alongside others in a workshop environment.

You will develop an appreciation of safe working practices in a workshop setting. You will also look at environmental issues and good practice in recycling in a woodworking context.

The course comprises **three** areas of study.

#### Flat-frame Construction

You will:

- learn how to use woodworking tools
- make woodworking joints and assemblies commonly used in flat-frame joinery. Some tasks will involve complex features
- be able to read and use drawings and diagrams depicting both familiar and unfamiliar woodwork tasks.

#### Carcase Construction

You will:

- make woodworking joints and assemblies commonly used in carcass construction. This will involve some complex features and may include working with manufactured board or with frames and panels
- use working drawings or diagrams, including unfamiliar contexts that require some interpretation on the part of the learner.

#### Machining and Finishing

You will:

- learn how to use common machine and power tools
- learn a variety of woodworking surface preparations and finishing techniques.

All the units are internally assessed on a pass/fail basis. To gain the award of the Course, the learner must pass all of the Units as well as the Course assessment. The course will be graded from A-D.

### How will the course be assessed?

The course assessment has **two** components **totalling 130 marks**:

- Component 1: Question Paper, worth 60 marks, set and externally marked by SQA.
- Component 2: Practical Activity, worth 70 marks. You will be asked to make a finished product from wood working from design drawings. This assignment will be set by the Scottish Qualifications Authority (SQA). Your work will be assessed by a visiting SQA assessor.

The grade awarded, A-D, is based on the total marks achieved across all course assessment components.

### What will the course cost? £30

### Progression routes

Further study, training or employment in Art and Design, Construction, Engineering, Manufacturing Industries.

## SPANISH – C869 75

### Why study Spanish?

Learning a new language allows you to connect with different people and their cultures. The ability to use language is at the centre of thinking. You reflect, communicate and develop ideas through language. Spanish is useful for both business and travel. Around 400 million people worldwide speak Spanish, especially in Central and South American countries such as Mexico and Venezuela. Spain is a beautiful country rich in history and culture, making it a popular holiday destination for British people. And, Spain is also an important trading partner of the UK. Many companies need employees who are fluent in one or more European languages. So, learning Spanish gives you many options for your future career.

### What will I study?

This course offers you the opportunity to develop your skills in reading, listening, talking and writing in Spanish, which are essential for learning, work and life. You will also learn to understand how language works and how to communicate information and ideas. You will study a wide range of various types of texts in a variety media. You will also learn to think critically, creatively and develop cultural awareness.

The course comprises **three** areas of study:

#### Reading and Writing; Listening

You will develop:

- reading, writing and listening skills in Spanish
- your knowledge of detailed language in the contexts of society, learning, employability and culture.



#### Assignment – Writing

You will develop:

- writing and grammatical skills in Spanish
- your knowledge and understanding of detailed language in the contexts of society, learning, employability and culture.

#### Performance – Talking

You will develop:

- talking and writing skills in Spanish
- your knowledge and understanding of detailed language in the contexts of society, learning, employability and culture.

### How will I be assessed?

The course assessment has **five** components totalling **120 marks**:

- Component 1: Question Paper 1: Reading – worth 30 marks (scaled to 30)
- Component 2: Question Paper 1: Writing – worth 20 marks (scaled to 15)
- Component 3: Question Paper 2: Listening – worth 20 marks (scaled to 30)
- Component 4: Assignment - Writing – worth 20 marks (scaled to 15)
- Component 5: Performance - Talking – worth 30 marks (scaled to 30)

For the performance component, you will be asked to deliver a spoken presentation and take part in a conversation in Spanish in one of the following contexts: society, learning, employability or culture.

The question papers will be set and marked externally by the SQA. The grade awarded (A to D) is based on the total marks achieved across all course assessment components.

### What can I go on to next?

- If you complete the course successfully, it may lead to Higher Spanish.
- Further study, training or employment in Arts, Social Sciences and Languages; Buying, Selling and Related Work; Hospitality, Leisure and Tourism; Languages; Teaching and Classroom Support.

## SPORT & RECREATION – Skills for Work C219 75

### Why study SfW Sport and Recreation?

Interest in sport in Scotland is growing. There are about 40,000 people employed in the various aspects of sport and leisure. As the number of sports centres continues to increase, there are more jobs in coaching and sports management. Some jobs are seasonal – skiing or work in holiday centres, for instance, and do not offer permanent employment. Leisure facilities offer a fairly steady source of jobs.

This course will give you the opportunity to find out more about the Sport and Recreation industry and the practical tasks involved in being a sports centre worker.

Sport and Recreation offers good opportunities for those who enjoy physical exercise, competitive sport, working with the public.

### What do you need to do the course?

This course is suitable for you, if you

- have a specific interest in sport with knowledge of rules and procedures gained through consistent participation. (You do not need to be a top performer.)
- are prepared to lead a 45 minute training session in an activity of your choice.
- are prepared to organise and referee in a tournament in an activity of your choice.
- are in a National 4/5 section in English.

### What will you study?

The course is made up of four compulsory units, one taking 60 hours, two taking 40 hours, and one taking 20 hours:

- Assist with Activity Sessions (60 hours)
- Employment Opportunities in the Sport and Recreation Industry (40 hours)
- Assist with Fitness Programming (40 hours)
- Assist with Daily Centre Duties (20 hours)

You will learn about:

- planning, setting up and delivering activity sessions
- setting up, taking down and checking equipment
- helping to plan and review a personal physical training programme, setting short- and long-term goals
- dealing effectively with customers
- health and safety legislation
- helping with accident and emergency procedures
- career opportunities and pathways in the industry.

### How will you be assessed?

Assessment will be based on a range of practical activities in real or simulated workplace settings. Tutors will observe and keep records of your work.

Because this is a Skills for Work course, if you complete the course successfully, you are awarded a Pass. This is not graded and is therefore the equivalent of a “C” pass.

### What can I go on to next?

You may be able to progress to:

- Employment/Training — A Modern Apprenticeship leading to a Scottish Vocational Qualification (SVQ) level 2 in Sport, Recreation and Allied Occupations.
- Further/Higher Education — A one year full time National Certificate (NC) or National Qualification (NQ) in a sport subject such as Sport and Recreation, Sport and Fitness or Sport Studies at a local FE college.



## SUPPORT FOR LEARNING DEPARTMENT – National 1 & 2 COURSES

### What courses are on offer?

The Support for Learning Department offers Units and Courses at National 1 and National 2 levels.

Courses are planned to meet the needs of a particular pupil or group of pupils.

In the past the following course/units have been offered:

- Maths
- Financial Awareness
- English and Communication
- Computing
- Using a Multimedia Application
- Music
- Food, Health and Wellbeing
- Investigating local service providers
- Contributing to a community event
- Contributing to an enterprise project
- Life in another Country (Italy)
- Personal Development
- Recognising positive behaviour

In addition to the above courses and units time may be allocated to support pupils with course work for National Qualifications at other levels. This is supervised by Support for Learning staff.

Students and parents are invited to speak to Mrs Parrott, Principal Teacher Support for Learning, if they have any questions.



## MORAY COLLEGE UHI OPTIONS FOR SCHOOLS



University of the  
Highlands and Islands  
Moray College

Oilthigh na Gàidhealtachd  
agus nan Eilean  
Colaiste Mhoireibh

Moray College is offering a range of courses for students from across the Moray schools. This means that each class will be made up of students from several schools across the authority and not just from Lossiemouth High School. All the teaching for the Moray College courses will take place on a Wednesday.

This is the list of courses which might be appropriate for you and which Moray College offered for session 2018-2019:

- **NPA Beauty Therapy - Two NPA Awards @ SCQF 4 (= National 4 level)**
- **NPA Web Design Fundamentals - SCQF 5 (= National 5 level)**
- **Skills for Work – Automotive SCQF 4 (= National 4 level)**
- **Skills for Work – Construction – SCQF 5 (= National 5 level)**
- **Skills for Work – Creative Industries – SCQF 5 (= National 5 level)**
- **Skills for Work – Early Education & Childcare SCQF 4 & 5 (= National 4 & 5 levels)**
- **Skills for Work – Construction SCQF 4 & 5 (= National 4 & 5 levels)**
- **Skills for Work – Hairdressing – SCQF 4 (= National 4 level)**
- **Skills for Work – Laboratory Science – SCQF 5 (= National 5 level)**
- **Skills for Work – Rural Skills – SCQF 4 (= National 4 level)**
- **Skills for Work – Uniformed Services – SCQF 4 (= National 4 level)**
- **Moray College Certificate Bakery – SCQF 5 (= National 5 level)**
- **NC Engineering – SCQF 5 (= National 5 level)**
- **National 5 Care**
- **National 5 Psychology**
- **National 5 Sociology**
- **National 5 Engineering**

The booklet about the Senior Phase programme at Moray College for 2018-19 is available on the Lossiemouth High School website and we would urge anyone interested in any of these courses to download the booklet from our website.

As soon as the booklet for session 2019-20 is available, it will be uploaded to the school website.

If you are interested in any of these, you should discuss this carefully with your Guidance teacher. Entry to the courses is by application form and interview. The interviews will be conducted by Moray College staff.

In addition to these Skills for Work courses, the college also offers courses in **English as a Second Language** at National 5 and Higher levels. These courses are particularly aimed at students whose first language is not English. For further information please speak to Mr Drysdale or to your Guidance teacher.