

Curriculum Review Information

S3

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Curriculum Structure

S2 Curriculum Review

The table below illustrates the way in which time is distributed to each curricular area across the Broad General Education and Senior Phase.

Our new curriculum structure gives pupils more personalisation and breadth of qualifications in S3 by studying **7 subjects**. It also provides an opportunity for pupils to deepen their understanding of knowledge and enhance skills development by studying these subjects over S3 and S4. This will lead to more learners being successful at National 5.

Subjects chosen in S3 will be carried on to S4. At the end of S4 pupils will have the opportunity to drop two subjects taking forward 5 subjects in to S5.

Broad General Education	Year group	SCQF	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
	S1	L2 - L3	English ↓				Maths ↓				Modern Languages ↓				Social Subjects & RMPS ↓				Science ↓		Technologies ↓		Expressive Arts ↓		HE ↓		PE ↓		PSE ↓		School of (2 x taster blocks*) ↓			
	S2	L3	English				Maths				Modern Languages				Social Subjects & RMPS				Science		Technologies		Expressive Arts		HE		PE		PSE		School of			
	S3	L4	English - 4 periods ↓				Maths - 4 periods ↓				Option 3 - 4 periods ↓				Option 4 - 4 periods ↓				Option 5 - 4 periods ↓		Option 6 - 4 periods ↓		Option 7 - 4 periods ↓		HWB: PSE (1) RE(1) PE (2) ↓									
Senior Phase	S4	L4 - L5	English - 4 periods ↓				Maths - 4 periods ↓				Option 3 - 4 periods ↓				Option 4 - 4 periods ↓				Option 5 - 4 periods ↓		Option 6 - 4 periods ↓		Option 7 - 4 periods ↓		HWB: PSE (1) RE(1) PE (2) ↓									
	S5	L5 - L6	Option 1 - 5 periods				Option 2 - 5 periods				Option 3 - 5 periods				Option 4 - 5 periods				Option 5 - 5 periods				Wider Achievement 4 PSE 1				HWB ↓							
	S6	L6 -L7	Option 1 - 5 periods				Option 2 - 5 periods				Option 3 - 5 periods				Option 4 - 5 periods				SQA Leadership Academy - 5periods				Wider Achievement 4 PSE 1				HWB ↓							

Who Can Help? S2 Curriculum Review

Who can help?

It is important that you consider all the options available to you and that you are selecting subjects for the right reasons. You need to select a combination of subjects that reflect your abilities, interests and any career ambitions that you may have. You are picking **7 subjects** that you will **study over S3 and S4** to achieve **National Qualifications (National 4, National 5, other Level 5 qualifications)** .

Who can help you with your course choice?

Yourself: Try to choose subjects that you enjoy and are making good progress in. Will these subjects help you in the future?

Your Parents/Carers: Make sure you discuss your course choice at home before you have the one to one meeting with your Pastoral Head. Your parents/carers will be invited to attend this meeting.

Your Subject Teachers: They are the best people to give you more information about individual subjects and give you an honest assessment of your strengths and areas that you need to develop.

Your Pupil Support Teacher: Your Pupil Support teacher can offer you help and advice as they have an overview of the progress you are making across all curricular areas.

Skills Development Scotland provides the following support to school pupils:

Website: www.myworldofwork.co.uk offering information and a range of interactive tools to help with career planning and decision making.

School Website

Our school website has a dedicated Careers section which provides a range of support for pupils when selecting subjects and considering career pathways.

Pupils and Parents/Carers can discover more information about available subjects in school as well as courses available to senior pupils through our partnership with Forth Valley College. Additional information around post school destinations is also located here.

Website www.bonessacademy.com Careers/DYW section can be found in the menus.

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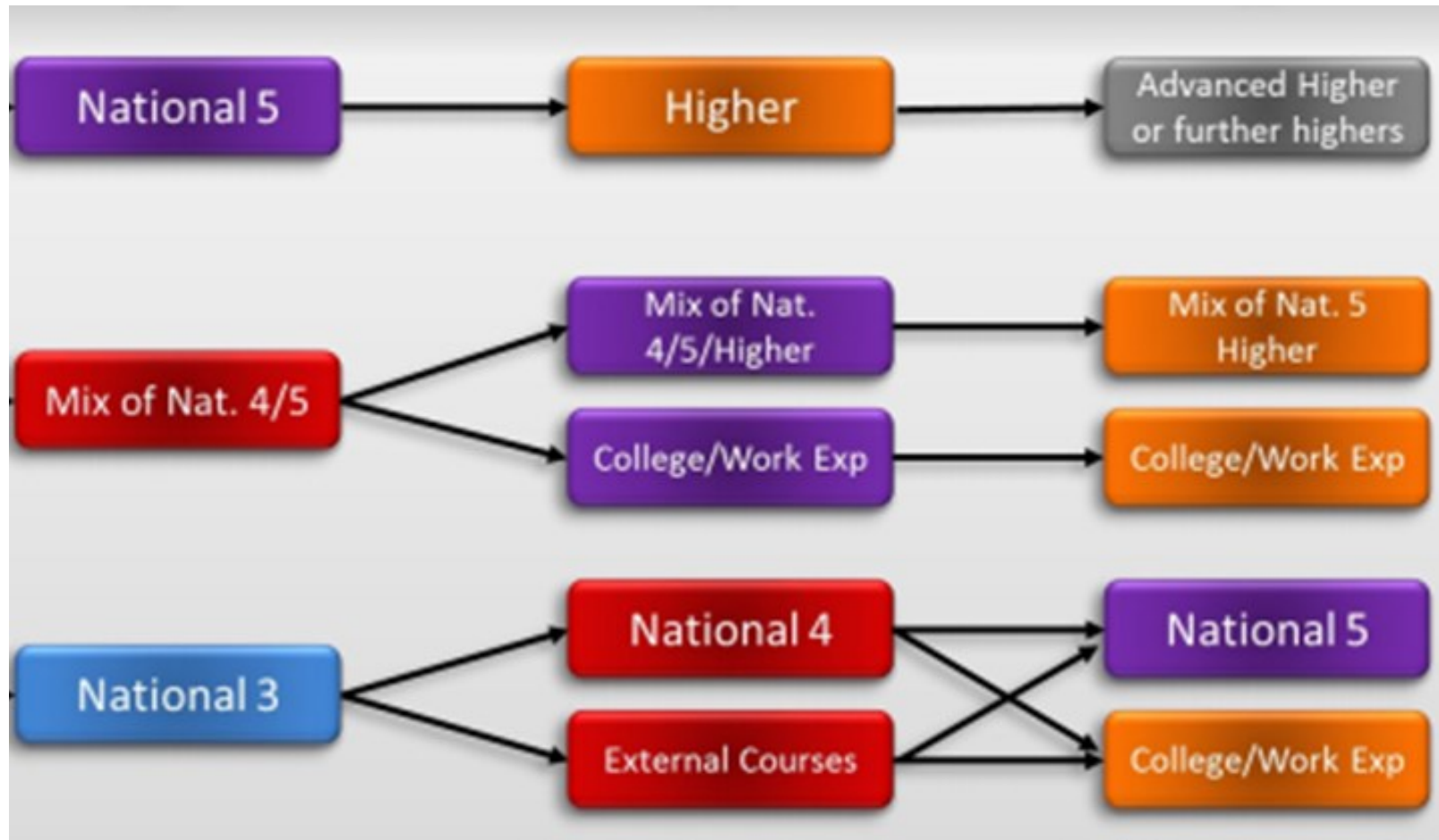
Pathways Senior Phase

Pupils will study **seven subjects** leading to qualifications at National 3, National 4 and National 5 by the end of S4. In S5, pupils will be able to study five academic subjects, the level of study will be determined by their performance in the SQA exams at the end of S4. In S5 pupils will also undertake our Wider Achievement programme.

S4

S5

S6





Faculty of English & Languages

Head of Faculty Mr J Crawford

Focus areas within the Faculty English

Media

Spanish

French

Why should I study English?

Studying English and Literacy provides you with skills which are central to your success in school and beyond. Through the study of language, literature and media, you will develop your reading, writing, talking and listening skills, enabling you to develop your ability to contribute and communicate effectively in a range of contexts. Enhancing your knowledge and understanding of language will improve your grades in all subjects as you complete a range of tasks requiring you to use your literacy skills.

What will I learn?

In the English department, you are given opportunities to study a wide range of literature, developing your analysis and evaluation skills and exploring connections between the texts you read and the world we live in. You are also given extensive opportunities to create your own texts, both written and spoken, encouraging you to develop your language skills through producing creative, critical and transactional responses. You will also have an opportunity to contribute to group discussions, engage in project based learning and learn how to debate. **In S4 we offer National 5 and National 4.**

Which skills will I develop?

Skills developed in English include the ability to communicate effectively verbally and in written form. You will learn to consider the views of others through debating, group discussions and responding to questioning. Your confidence will grow and your information finding and analysis skills will improve through research tasks. Your presentation skills will improve through how you deliver information. You will also become more organised taking on responsibility for equipment and resources and develop transferrable skills for use throughout your life.

How will I be assessed?

National 4 is internally assessed and you will be expected to demonstrate your reading, writing, talking and listening skills at National 4 level. As well as this you will complete an added value unit project which showcases your skills.

At National 5 you will be expected to demonstrate your reading, writing, talking and listening skills at National 5 level. As well as this you will complete a writing folio and an exam which will test your close reading skills, your knowledge of a Scottish set text of your classes choosing and by writing an essay on another text that you have studied.

Career Pathways in English

Acting
Editing
Advertising
Civil Service
Broadcasting
Public Relations
Human Resources
Film/ TV Production
Travel and Tourism

Law
Writing
Marketing
Publishing
Web Editing
Copywriting
Management
Speech Therapy
Film/ TV Direction

Politics
Journalism
Administration
Local government
Classroom Support
Film/ TV Editing
Events Management
Information Services
Social Media
Marketing

Why should I study Media?

This is a hands on and creative course aimed predominantly at candidates experienced out School Of Media in S2 & S3. This course allows these pupils to spend more time developing skills in an exciting new context studying a wide range of Media texts, from the world of film, television, advertising and radio to achieve a National 5 qualification.

What will I learn?

In the Media class, you are given opportunities to study a wide range of Media texts, from the world of film, television, advertising and radio.

It will develop your ability to analyse and evaluate the texts you study. You are also given extensive opportunities to create your own films, advertising campaigns and radio broadcasts, encouraging you to develop your creative and technical skills side by side. You will also have an opportunity to contribute to group discussions, engage in project based learning and learn how to justify your decisions.

Which skills will I develop?

Skills developed in Media include the ability to communicate effectively verbally and in written form. You will learn the technical aspects of creating Media texts and be able to evaluate and analyse the work of others. Your presentation skills will improve through how you deliver information. You will also become more organised taking on responsibility for equipment time and resources and develop transferrable skills for use throughout your life.

How will I be assessed?

At National 5 you will be assessed in much the same way you were assessed in English but will be studying Media texts rather than the written word. Instead of a written folio you will produce a short film or advertising campaign and be expected to justify why you chose to create it in this way. There is an exam at the end of the course that tests your skills of analysis and evaluation and allows you to further polish the skills you developed in National 5 English.

Career Pathways in Media

Acting	Law	Politics
Editing	Writing	Journalism
Advertising	Marketing	Administration
Civil Service	Publishing	Local government
Broadcasting	Web Editing	Classroom Support
Public Relations	Copywriting	Film/ TV Editing
Human Resources	Management	Events Management
Film/ TV Production	Speech Therapy	Information Services
Travel and Tourism	Film/ TV Direction	Social Media Marketing

French/Spanish

National 4/5

Head of Faculty Mr J Crawford

Why should I study French or Spanish?

Studying a modern language can inspire you to visit other countries where the language is spoken. In S4 you can study 5 periods of French or Spanish per week and really get your teeth into learning a language that will be useful for life. Using a modern language builds your self-confidence. It's a real thrill to be able to speak to someone in another country in their own language.

Employers appreciate the benefits employees with language ability bring to their organisation.

Universities too acknowledge the difference between candidates with and without language qualifications.

What will I learn?

You will learn, through various themes and topics, how to use and understand the language as well as experiencing some of the culture. You will also be inspired to enhance your language learning skills using various technologies such as apps, PC's and the department's new iPads. You will be given the opportunity to taste some local cuisine and encouraged to share your opinions with your peers.

Which skills will I develop?

Apart from the language skills of talking, writing, listening and reading in French/Spanish you will develop working relationships with your classmates through many co-operative tasks.

The development of problem-solving, creativity and making connections are also skills you will improve on.

The department often run trips abroad where you can put your skills to the test.

How will I be assessed?

The core specific foreign language skills of Talking, Writing, Listening and Reading will be assessed.

National 4: Internal assessments will be carried out in each of the skills throughout the year, followed by an Added Value Unit on a topic of most interest to you.

National 5: Internal assessments will be carried out in each of the skills throughout the year, followed by an external exam. The talking performance element of the course is conducted and marked internally by your teacher and contributes to your overall grade.

Career Pathways in French/Spanish

Hospitality
Retailing
Interpreting
Finance
Local Government
Journalism
Customs and
Immigration

Translating
Law
Civil Service
Airline Cabin Crew
Publishing
Transport and
Distribution
Broadcasting

Travel and Tourism
Teaching
Diplomatic Service
Catering
Importing/ Exporting
Call Centre Work
Marketing and Sales



Faculty of **Expressive Arts**

Head of Faculty Mrs L Sinclair

Focus areas within the Faculty Art & Design

Drama

Make up and Costume Design

Fashion Textile Technology

Music Performance

Photography

Why should I study Art & Design?

The practice of Art and Design can be traced back to the start of our civilisation and is one of the foundations of how we communicate as human beings. Our ability to create and invent is a unique talent that has been developed over centuries. In modern times it is essential to develop an appreciation of the world around us and understand why culture is important in our lives. Practical activities will develop your physical dexterity and your ability to think in a creative and innovative way. These experiences and skills can be applied to all future destinations in life.

What will I learn?

The majority of the course is based around practical creative activities which are enhanced and enriched by Historical and Critical studies. The Expressive Art portfolio will be based on Still Life, in Design we will create either Graphic Design/Textile Design/Product Design. To aid your work you will learn about the work of artists and designers past and present and develop your own sketchbook and folios. This further develops your presentation techniques, how to solve problems creatively, and deepens your understanding of the importance of culture in our lives.

Which skills will I develop?

You will develop your observational drawing skills alongside traditional and further experimental use of materials. You will develop a range of analytical thinking and drawing and literacy skills including Research methods, analysing artist's and designer's approaches and work, self-evaluation, peer evaluation and feedback techniques, verbal and visual presentation techniques, gaining personal insight and confidence. All of these skills lead to being able to think in an independent, creative and innovative way. This course will develop your confidence and your ability to understand and motivate yourself.

How will I be assessed?

Your practical work will be continually assessed in a formative way with regular opportunities to self-assess and gain feedback from the teacher and your peers.

At National 5 level Your folio of work is your evidence for external assessment and this will be judged by the SQA and given a mark out of 200. You will sit a formal written exam focusing on historical and critical studies, this is given a mark out of 50. Your folio marks and exam marks are combined to give you a grade from A to D.

Career Pathways in Art & Design

Industrial Design
Fine Art
Interior Design
Printing
Animation
Landscape Design
Product Design

Architecture
Make-up Artistry
Production Design
Art Therapy
Photography
Advertising
Textile Design

Digital Design
Graphic Design
Teaching
Web Design
Fashion Design
Furniture Design
Visual Merchandising

Why should I study Drama?

Drama helps us understand the world in which we live. Studying this subject is similar to analysing and understanding human behaviour and develop the ability to replicate this realistically for different dramatic purposes. Drama is a group based subject which is process led and actively develops Skills for Learning, Life and Work. The course will include whole-class teaching, pupil-centred activities, group and individual work. It also provides different pathways to success through units of work which develop both Drama Skills and Production Skills.

What will I learn?

Drama Skills:

- Work both individually and in groups to explore a range of drama skills and ways of communicating thoughts and ideas to an audience.
- Learn to portray a character in a range of ways and develop knowledge and understanding of social and cultural influences on drama.
- Working as part of a small group you will devise and perform your own drama.

Production Skills:

- You will develop a wide and varied range of production skills including lighting, sound, set, make-up, costume and props. You will use these skills to enhance drama when presenting.

Which skills will I develop?

Pupils will develop a variety of core skills that are essential for Learning, Life and Work. These include but are not limited to;

- **Communication**
- **Teamwork**
- **Creative Thinking & Problem Solving**
- **Analysing**
- **Listening**
- **Evaluating**

How will I be assessed?

At National 4 level:

Practical: Internally Assessed. You will perform a devised group piece of Drama and carry out another production role for the Production Skills unit. After this, you will complete an internally assessed Added Value Unit at the end of the course.

Written: You will complete a written folio for the Drama Skills, Production Skills and the Additional Value Unit.

At National 5 level:

Practical: 60% of your final grade. You will perform a production role as part of a professional piece of theatre to an external examiner.

Written: 40% of your final grade. You will complete a written exam after your final performance, which will include content from the Drama Skills and Production Skills units of work.

Career Pathways in Drama

Acting	Stunt Work	Stage Management
Event Management	Lighting Technology	Theatre Production
Directing	Drama Coaching	Arts Administration
Sound Technology	Writing	Teaching
Public Relations	Drama Facilitation	Set Design
TV and Radio	Film and TV Production	Community Arts Work
Presenting	Studio Management	Radio Production
Broadcasting	Entertainment	Casting Agency Work
Drama Therapy		

Make up and Costume Design

Creative Ind NPA L4/5 Costume Design NPA L4/5

Head of Faculty Mrs L Sinclair

Why should I study Make up and Costume Design

This new practical course will give you the skills, knowledge and understanding of how make up artist's work, how they apply different types of make up. This is a skills for work course, you will hear from make up artists on their experiences. Through this course you will also learn about costume design, how to use a sewing machine,, how to create a surface decoration textile and how to measure and fit a garment to a person.

What will I learn?

Creative Industries

- Unit 1—Introduction—Learning about Make up artists work
- Unit 2—Skill development—Developing make up skills, applying make up
- Unit 3—The Creative Process—Working towards a make up brief (projects)
- Unit 4—The Creative Project—The event could be a fashion show

Costume Design

- Unit 1 Sewing machine knowledge
- Unit 2 Surface decoration—Textile design
- Unit 3 Pattern cutting—construction of a costume for the fashion show

Which skills will I develop?

Pupils will develop a variety of core skills that are essential for Learning, Life and Work. These include but are not limited to;

- **Communication**
- **Teamwork**
- **Creative Thinking & Problem Solving**
- **Analysing**
- **Listening**
- **Evaluating**

How will I be assessed?

NPA Creative Industries L4/5

4 Units— Written booklets and practical work will be assessed throughout the two year course.

NPA Costume Design

3 Units — Written booklets and practical work will be assessed throughout the two year course.

Career Pathways in Make up and Costume Design

Costume designer	Make up artist	Stage Management
Fashion designer	Business owner	Theatre Production
Fashion journalist	Theatre design	Arts Administration
Fashion illustrator	Stage make up	Teaching
Sewing machinist	Screen make up	Set Design
		Community Arts Work

Fashion Textile Technology

National 4/5

Head of Faculty Mrs L Sinclair

Why should I study Fashion Textile Technology?

It's a subject that not only hones technical skills but also builds an understanding of design aesthetics, cultural influences, and sustainable practices. You will develop your creativity and independent thought, learn to express yourself visually and let your imagination flourish.

What will I learn?

Pupils will learn how to use a sewing machine, they will understand the properties and characteristics of textiles. They will learn how to follow a pattern and create a fashion/textile garment. Pupils will understand how textiles have been created. They will also understand how a fashion designer works. Pupils will develop and learn how to create construction techniques and these will be incorporated into their practical project which will be assessed. Pupils will have an assignment to complete, the course is 60% written.

Which skills will I develop?

Pupils will develop a variety of core skills that are essential for Learning, Life and Work. These include but are not limited to;

- **Communication**
- **Creative Thinking & Problem Solving**
- **Analysing**
- **Listening**
- **Evaluating**

How will I be assessed?

National 4 -

Textile Technologies Internally assessed.

Fashion Textile Item Development Internally assessed.

Fashion Textile Choices Internally assessed.

National 5-

Assignment—Which is externally assessed by SQA.

Practical Project Which is internally assessed. Pupils will follow a pattern and create a Fashion/Textile item based on SQA Design Brief.

Written assessment Externally assessed by SQA.

Career Pathways in Fashion Textile Technology

Industrial Design	Architecture	Digital Design
Fine Art	Make-up Artistry	Graphic Design
Interior Design	Production Design	Teaching
Printing	Art Therapy	Web Design
Animation	Photography	Fashion Design
Landscape Design	Advertising	Furniture Design
Product Design	Textile Design	Visual Merchandising
Costume designer	Merchandiser	Fashion Journalist

Music Performance

National 4/5

Head of Faculty Mrs L Sinclair

Why should I study Music Performance?

The wonderful thing about music is that it features so heavily in our everyday lives, but by studying music it affords so many opportunities to not only broaden your knowledge in a wide range of styles and genres, but to harness your talent as a performer specialising in at least two instruments of your choice. All the while building your confidence, you will learn how to engage an audience and be involved in many exciting projects outwith the curriculum helping you to understand the value in what you are learning as you become confident, creative musicians.

What will I learn?

Performing Skills: Develop a repertoire of at least Grade 2 level pieces (*National 4*) and at least Grade 3 level pieces (*National 5*) and record an 8 minute programme of contrasting pieces on two chosen instruments.

Understanding Music: Broaden your knowledge in a wide range of styles and genres and concepts/literacy associated

Composing Skills: Compose your own piece of music having experimented in a variety of styles

Which skills will I develop?

Performing Skills

You will choose two instruments to focus your studies on building your own diverse repertoire, assisting critical thinking, self-discipline and building a confidence you can use in any aspect of your life.

Creative Skills

You will create a composition, a musical invention using all of your prior learning to be proud of something you can call your own.

Planning & Organisation Skills

Level of pupil responsibility ensures skills develop naturally with the course.

How will I be assessed?

At National 4 level:

Performing Skills: Internally record an 8 minute programme demonstrating your ability on 2 instruments at ABRSM Grade 2

Understanding Music: Research projects and Unit Assessments

Composing Skills: Submitted folio of original composition/reflection

At National 5 level:

Performing Skills: Perform an 8 minute programme on 2 chosen instruments at ABRSM Grade 3 to an external examiner

Understanding Music: Research projects and Unit Assessments

Composing Skills: Submitted folio of original composition/reflection

Career Pathways in Music

The creative industry is a challenging yet hugely rewarding career path. You will develop your existing experience, abilities and personal qualities and learn how to make the most of them in the context of music.

Accompanist
Arranger
Session Musician
Event Planner
Film Composer

Instrumental Instructor
Primary teacher
Promoter
Artist Manager
Conductor

Marketing
Mixing Engineer
Favourable in Care
Professions
Music Therapy

Photography

NPA Level 5

Head of Faculty Mrs L Sinclair

Why should I study Photography?

The use of the photographic image is now an unavoidable part of modern life, from 'selfies' to advertising we interact with photographic images on a daily basis. The manipulation of the digital image is now a fundamental part of many further education courses in a diverse range of subjects. Photography is designed to give you a high level of knowledge about both the history and impact of photography on our culture, and to develop a high level of skill using a camera and creating your own high quality images.

What will I learn?

Photography is both a technical subject and a creative subject, with an element of historical research involved.

You will learn:

- A broad range of technical skills required to use a professional camera, related equipment and computer software.
- How to take pictures in a creative and meaningful way that can be applied to future projects and contexts.
- Research and presentation skills on the theme of photographers and their work.

Which skills will I develop?

You will develop a range of skills that can be applied to a variety of future destinations:

- The ability to compose and create professional quality photographs.
- Use of specialized equipment and computer software applicable to other future projects.
- How to manage your time and develop a personal timeline.
- How to create a high quality visual presentation.
- How to be self-reliant and confident in your abilities and decisions.

How will I be assessed?

You should have a creative and inventive outlook and be prepared to spend large amounts of your spare time engaged in photo shoots.

Photography is assessed in four units.

Pupils will be assessed on analysis and evaluation skills and their literacy.

Career Pathways in Photography

Industrial Design	Architecture	Digital Design
Fine Art	Make-up Artistry	Graphic Design
Interior Design	Production Design	Teaching
Printing	Art Therapy	Web Design
Animation	Photography	Fashion Design
Landscape Design	Advertising	Furniture Design
Product Design	Textile Design	Visual Merchandising



Faculty of Health & Wellbeing

Head of Faculty Mr M Attinasi

Focus areas within the Faculty Team Games & Individual PE

Sports & Fitness

Creative & Aesthetic PE

Dance

Practical Cookery: Hospitality

Hospitality & Events

PE: Individual & Team Games

National 5

Head of Faculty Mr M Attinasi

Why should I study Team Games and Individual PE?

National 4/5 Physical Education is a great course with pathways into Higher PE and Advanced Higher PE in S5/6 which are all delivered at Bo'ness Academy. The course has a blend of practical and theory where students will develop their performance in a range of activities whilst understanding the impact that certain factors are having on their performance.

What will I learn?

In the Team Games and Individual course, you will focus on a range of activities including: **basketball, football, badminton, trampoline, volleyball and swimming.**

You will focus on developing the skills required to improve your performance in the above activities. You will also focus on the factors which could affect your performance such as mental, emotional, social and physical factors.

We will carry out a cycle of analysis where we will investigate performance, establish strengths and weaknesses, create a programme to develop and evaluate our improvements.

Which skills will I develop?

Cognitive Skills – Problem Solving, Focus and Concentration, Decision Making and Creativity.

Personal Qualities – Confidence and Self-Esteem, Determination and Resilience, Responsibility and Leadership, Respect and Tolerance, Communication and Motivation.

Physical Competencies – Balance and Control, Coordination and Fluency, Rhythm and Timing.

Physical Fitness – Stamina, Speed, Core Stability and Strength and Flexibility.

How will I be assessed?

At National 4 you will be internally assessed. You must complete a Factors Impacting Performance theoretical unit of work and also pass two practical activities. For the final course award you will have to pass an added value unit which is a performance in an activity of your choice.

At National 5 level you will be assessed via a one off performance in **two** activities. Each performance will be worth 30 marks and equates to 50% of the overall course award. You will also complete a portfolio worth 60 marks that will be submitted to the SQA for external marking. Again this will be worth 60 marks and will equate to 50% of the overall course award.

Career Pathways in Team Games and Individual PE

Sports Journalism
PE Teaching
Sports Coaching
Physiotherapy

Fitness Instruction
Sports Science
Sports Medicine
Police

Professional Sport
Personal Training
Sports Psychology

PE: Creative & Aesthetic National 5

Head of Faculty Mr M Attinasi

Why should I study C&A PE?

National 4/5 Physical Education is a great course with pathways into Higher PE and Advanced Higher PE in S5/6 which are all delivered at Bo'ness Academy. The course has a blend of practical and theory where students will develop their performance in a range of activities whilst understanding the impact that certain factors are having on their performance.

What will I learn?

- Three main activities include **dance, trampoline and gymnastics**.
- Other activities including **cheerleading, badminton and netball**.
- You will focus on developing the skills required to improve your performance in the above activities.
- You will also focus on the factors which could affect your performance such as mental, emotional, social and physical factors.

How will I be assessed?

At National 4 you will be internally assessed. You must complete a Factors Impacting Performance theoretical unit of work and also pass two practical activities. For the final course award you will have to pass an added value unit which is a performance in an activity of your choice.

At National 5 level you will be assessed via a one off performance in two activities. Each performance will be worth 30 marks and equates to 50% of the overall course award. You will also complete a portfolio worth 60 marks that will be submitted to the SQA for external marking. Again this will be worth 60 marks and will equate to 50% of the overall course award.

Which skills will I develop?

Cognitive Skills – Problem Solving, Focus and Concentration, Decision Making and Creativity.

Personal Qualities – Confidence and Self-Esteem, Determination and Resilience, Responsibility and Leadership, Respect and Tolerance, Communication and Motivation.

Physical Competencies – Balance and Control, Coordination and Fluency, Rhythm and Timing.

Physical Fitness – Stamina, Speed, Core Stability and Strength and Flexibility.

Career Pathways in Team Games and Individual PE

Dance Performance	Choreography	Community Dance
Dance Teaching	Dance Art Direction	Dance Management
Health & Fitness	Sports Science	Professional Sport
Sport Journalism	Physiotherapy	Personal Training
Sport Broadcasting	Teaching	Leisure and Recreation
Fitness Instruction	Emergency Services	

Sports & Fitness: Association Football

Level 5

Head of Faculty Mr M Attinasi

Why should I study Sports & Fitness?

L5 Sport and Fitness provides a pathway into the senior phase for the School of Football Programme. Candidates entering the course would be expected to have a strong interest in sport, fitness and football, as this will be the primary delivery activity. Given that the sports industry is a public orientated service industry, it is advised that prospective candidates will have strong interpersonal skills, a base ability in football and an understanding of the all aspects of the game. This course provides development of football which can be used as an assessment activity in National 5 PE, but also a coherent pathway into L7 Refereeing in S5.

What will I learn?

The course contains three units including;

- Sporting Activity Participation and Performance
- Sports Officiating and Organising
- Coaching Development

Students will complete a range of tasks associated to each unit with football a core component through each unit.

How will I be assessed?

There is no external assessment for this course. Learners must successfully complete each unit to achieve the course. Units have been designed so that information can be gathered holistically where possible. A variety of approaches are used for gathering evidence, reflecting the variety of learning experiences offered across the course. The Units are internally assessed by centres and externally verified by SQA.

Which skills will I develop?

Cognitive Skills – Problem Solving, Focus and Concentration, Decision Making and Creativity.

Personal Qualities – Confidence and Self-Esteem, Determination and Resilience, Responsibility and Leadership, Respect and Tolerance, Communication and Motivation.

Physical Competencies – Balance and Control, Coordination and Fluency, Rhythm and Timing.

Physical Fitness – Stamina, Speed, Core Stability and Strength and Flexibility.

Career Pathways in Team Games and Individual PE

Sports Journalism
PE Teaching
Sports Coaching
Physiotherapy
Football Coaching

Fitness Instruction
Sports Science
Sports Medicine
Police

Professional Sport
Personal Training
Sports Psychology
Football Referee

Dance National 5

Head of Faculty Mr M Attinasi

Why should I study Dance

National 5 Dance provides an enriching educational experience in both a practical and theoretical context. It is aimed towards those who have a keen interest in dance, allowing you to develop, consolidate and further extend your technical and choreography skills. This makes the qualification highly accessible, as it can be contextualised to suit a diverse range of learner needs and aspirations. The course is largely learner-centred, with practical and experiential learning opportunities.

What will I learn?

Technical Skills: In this unit, learners will develop and refine technical skills in Jazz, Hip Hop and Contemporary. Pupils will take part in a variety of technique classes that will include centre work, travelling and solo/group performances. Learners will identify specific styles of dance and evaluate both their own and professional dance pieces.

Choreography: In this unit, learners will develop their knowledge and understanding of the choreographic process. They will develop their knowledge of; Stimuli, Choreographic Structures, Choreographic Devices, Use of Space and Theatre Arts. They will apply their detailed knowledge and understanding of choreographic structures and devices within the creative process.

Which skills will I develop?

- ➔ Critical Thinking
- ➔ Self Discipline
- ➔ Physical Health
- ➔ Confidence
- ➔ Communication and Time Management
- ➔ Working with others and Leadership Skills
- ➔ Creativity and Problem Solving

How will I be assessed?

Question Paper (worth 20%): End of year exam which focusses on self evaluation, study of a dance style and its history and a study of a professional choreography.

Practical Activity (worth 45%): Creating and presenting a choreography for 2 people coupled with a review of the creating process and choreographic decisions made.

Solo Performance (worth 35%): Jazz, Contemporary and/or Hip Hop will be studied. The student will then select a style that they will perform one solo in for the final practical exam to an external examiner.

Career Pathways in Dance

Professional Dancer	Artistic Director	Dance Photographer
Choreographer	Company Manager	Dance Videographer
Dance Teacher	Broadcasting	Dance Scientist
PE Teacher	Entertainment	Dance Movement Therapy
Primary Teacher	Dance Critic	Dance Journalist

Practical Cookery

National 4/5

Head of Faculty Mr M Attinasi

Why should I study Practical Cookery?

Practical Cookery is a practical cookery course for those who have an interest in food and cooking and enjoy being creative in a range of increasingly more complex dishes. Personalisation and choice will be accommodated within ingredients selected and used in the dishes. Knowledge of health, nutrition and sustainability will be reflected in the real life scenarios used within the hospitality context. This provides a superb platform for further professional study, going into an ever expanding employment opportunity as well as simply for your own health and wellbeing.

What will I learn?

In the Practical Cookery course you will focus on three main areas. You will cook a variety of dishes showing and using a range of cookery skills, techniques and processes with appropriate specialist equipment. You will gain knowledge of a wide variety of different ingredients, their functions and uses within different recipes learning to select suitable ingredients to create dishes of your own. You will organise your own practical cooking where you will take part in the food ordering and cooking two dishes managing the time available.

Which skills will I develop?

- Cookery skills, techniques and processes
- Creative skills with food
- Planning
- Organisation
- Time Management
- Working Independently and Teamwork
- Evaluation, Review and Reflection Skills
- Critical Thinking

How will I be assessed?

Assessment will be formative, mastering practical skills in practical exercises and assignments gathering evidence in folios of work including photographs, checklists.

Exam

There will be a question paper worth 25% which will be carried out during the SQA exam diet.

Practical

Candidates will experience a three dish timed assessment which along with a written service detail and time plan will complete the remaining 75%.

Career Pathways in Practical Cookery: Hospitality

This can lead in to a further professional qualification e.g. as a chef, front of house reception or hotel management.

Care Sector
Food Technology
Food/ Recipe
Development

Food Processing
Food Production

Hospitality & Events

Level 5

Head of Faculty Mr M Attinasi

Why should I study Hospitality & Events?

Skills for Work Hospitality at National 5 (SCQF level 5) provides an introduction to the different commercial and non-commercial sectors of the hospitality industry and the types of provision they offer. Candidates will also learn about the organisational aims of hospitality establishments and the products and services they provide. Candidates will develop vocational skills and knowledge and gain practical experience in: menu planning; preparing, cooking and presenting a range of foods in a professional kitchen; serving food and drinks; undertaking reception duties and customer care; and planning, organising and running a small hospitality event.

What will I learn?

- Developing core skills for working in the hospitality industry
- Developing skills for working in the professional kitchen
- Developing the personal and professional qualities associated with the front of house operations
- How to plan, prepare, deliver and evaluate an event within the hospitality industry
- organisational skills necessary to plan, prepare and evaluate products and processes
- solving problems related to a range of health, food, nutrition and consumer needs

How will I be assessed?

This course is internally assessed, providing evidence from four units of assessment:

Hospitality: Developing Skills for Working in Hospitality (National 5)
Hospitality: Developing Skills for Working in the Professional Kitchen (National 5)
Hospitality: Front of House Operations (National 5)
Hospitality Events (National 5)

24 SCQF Credit Points

There is no practical assessment in this subject.

Which skills will I develop?

- Literacy
- Listening and talking
- Numeracy
- Money, time and measurement
- Health and wellbeing
- Physical wellbeing
- Employability, enterprise and citizenship
- Citizenship
- Thinking skills
- Applying, analysing and evaluating

Career Pathways in Hospitality & Events?

Food product developer	Care Sector	Food Processing
Food Screentest	Product manufacturer	Nutritionist
Recipe developer	Quality assurance	Food Marketing
Food technologist	Food microbiologist	Dietitian
Nutritional therapist	Nutritional journalist	Nutritional educator
Food safety auditor		

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Faculty of Social Subjects

Head of Faculty Mrs C Thomson

Focus areas within the Faculty Geography

History

Modern Studies

Why should I study Geography?

Pupils will study a variety of changes taking place on the surface of the earth which have impacts on both people and the environment. There will be an emphasis on basing decisions on evidence and problem solving as the issues are explored. The course entails a variety of teaching methods including whole-class teaching, pupil-centred activities and group work. There will be opportunity to complete fieldwork and classroom research activities.

What will I learn?

Individual topics will include:

- Physical geography: including weather, glacial and coastal environments.
- Human Geography: including population, urban and rural environments.
- Global Issues: Development and Health (developed and developing countries, diseases and malaria); the causes and impacts of Climate Change and how people can respond.

Which skills will I develop?

In S3 and S4 pupils will continue to develop their skills in Geography. These include learning how to gather geographical information and interpreting information from a range of sources including maps, graphs, numerical, visual and written. Skills will be developed through studying a variety of current issues affecting people today, such as problem solving, group and peer work to develop listening and communication skills, research skills, ICT skills.

How will I be assessed?

Pupils will be assessed by end of unit tests and homework tasks that emphasise exam skills. All assessment for National 4 is completed internally during the year. Assessment for National 5 involves an SQA external exam and an externally graded assignment.

Career Pathways in Geography

Travel and Tourism	Nature Conservation	Civil / Environmental
Leisure and Recreation	Environmental	Engineering
Project Manager	Management &	Town and Country
Data analyst	Education	Planning
Cartography	Surveying	Geology
Landscape architecture	Estate Agency Work	Transport and
Drone pilot & mapper	Teaching	Distribution
Outdoor Education	Climatology	Geophysics
Game world designer	Demography	Wildlife
	Climate change analyst	conservationist

Why should I study History?

As American philosopher George Santayana once said: *"Those who do not learn from the past are doomed to repeat it."* Studying History tells us as much about the present as it does about the past. Bo'ness Academy History department firmly believe that an understanding the past equips students with vital critical thinking skills that will stand them in excellent stead in today's rapidly changing world and competitive job market. By teaching students about the causes and consequences of events in the past, we aim to ensure that our students develop new perspectives and informed views on world issues across time, as well as an array of transferrable skills that are very highly prized by employers, colleges and universities.

What will I learn?

National 4 and 5 courses explore the themes of: power; conflict; social, economic and political change; prejudice and civil rights. Our units of study are:

- ♦ Migration and Empire 1830-1939
- ♦ Changing Britain 1770-1914
- ♦ Hitler and Nazi Germany 1919-1939

Which skills will I develop?

History exposes students with a wide range of skills including: literacy; effective communication; the ability to discern bias, the ability to judge the reliability of information; the ability to consider issues from a range of perspectives; critical thinking, analysing, evaluating and synthesising. Crucially, students will develop the all-important skill of questioning issues; History teaches young people *how* to think, not *what* to think. The ability to distil large amounts of conflicting information into reasoned arguments is a key skill for any Historian and one that we seek to develop in our students.

How will I be assessed?

National 4 and **National 5** History requires pupils to develop both their extended writing and source handling skills. **National 4** History involves ongoing internal assessment and an Added Value project on a topic of the student's choice. **National 5** History requires pupils to sit an external examination and write an assignment in the form of an essay under exam conditions, which is also externally assessed.

Career Pathways in History

Law	Publishing	Journalism
Library Work	Administration	Restoration Work
Politics	Sociology	Anthropology
Tourism	Genealogy	Archaeology
Archive Work	Cultural Heritage	Diplomatic Service
Teaching	Civil Service	Museum Work

Modern Studies

National 4/5

Head of Faculty Mrs C Thomson

Why should I study Modern Studies?

Modern Studies is the study of local, national and international issues from a social, political and economic perspective. Pupils will examine current issues and evaluate their impact and relevance in society today to enable them to develop informed views about current world events and the potential impact on their lives. Modern Studies develops a range of transferrable skills that can be applied to life, learning and work.

What will I learn?

Unit 1 Democracy: An overview of the British political system and the debate over Scotland's future.

The work of MSPs and the Scottish Parliament, how it is elected, the political parties in Scotland and pressure groups.

Unit 2 Crime and the Law: The types, causes and impact of crime and the criminal justice system; the police, courts and sentencing.

Unit 3 The USA: The system of government, political and social issues and the rights and responsibilities of citizens.

Which skills will I develop?

The skills developed through the study of Modern Studies are:

- Organising and planning; processing information; selecting evidence
- Comparing opinions; forming opinions; informing opinions
- Decision making and problem solving
- Source analysis, including detecting and explaining exaggeration and bias
- Individual work; paired work; teamwork
- Extended writing

How will I be assessed?

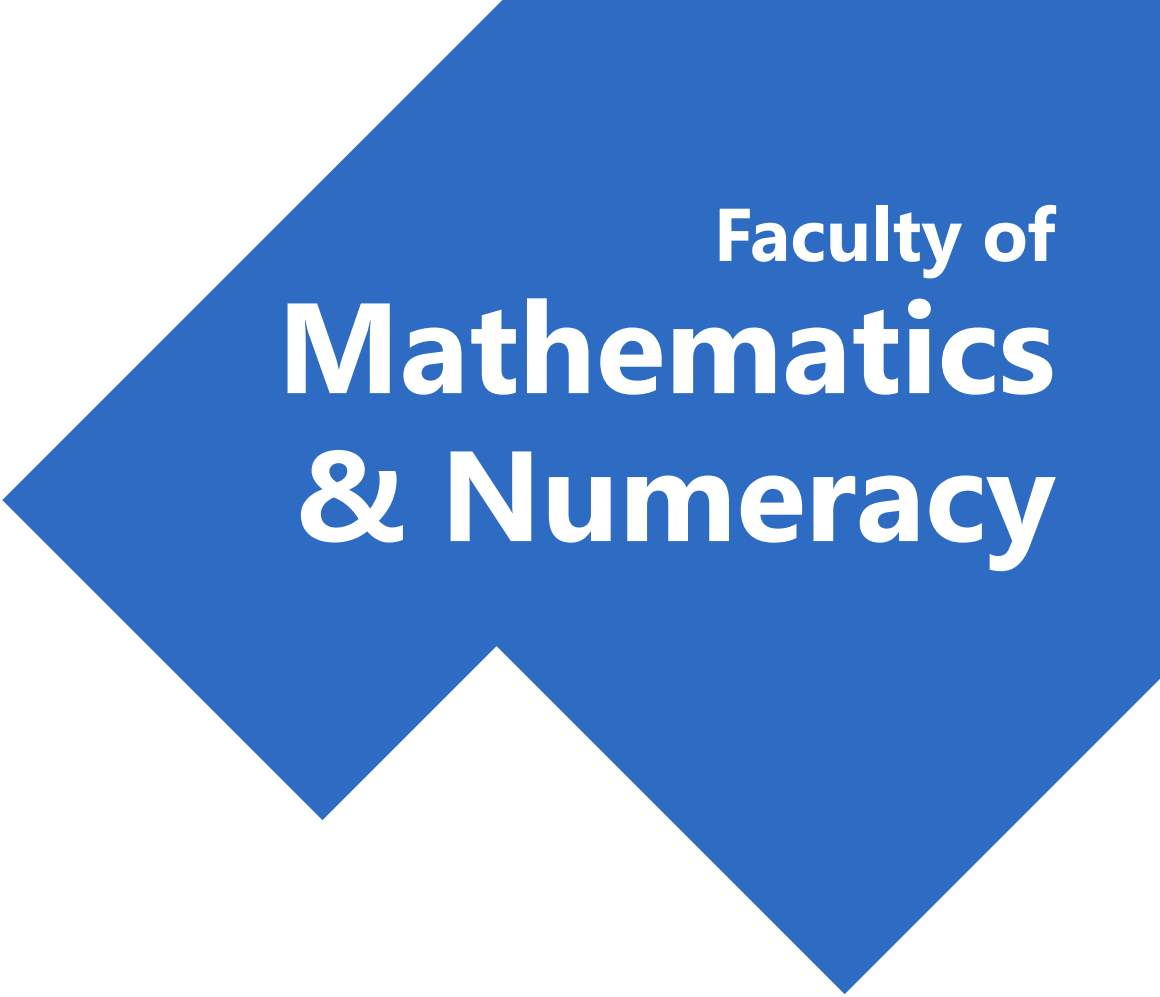
Pupils will be assessed in class using a variety of methods including oral and visual presentations, extended writing exercises, source handling tasks, research assignments and end of unit tests.

National 4: Internally assessed with moderation by the SQA.

National 5: Assessed by an external examination and assignment.

Career Pathways in Modern Studies

Police	Teaching	Fundraising
Welfare Rights	Law	Civil Service
Politics	Economics	Social Sciences
Trade Union Work	Journalism	Management
Banking	Social Work	Clerical Work
Community Work	Administration	Local Government
Marketing	Management	Anthropology
Broadcasting and Media	Charity Work	Information/Advice Work

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Faculty of Mathematics & Numeracy

Head of Faculty Mrs F Moir

Focus areas within the Faculty Mathematics & Numeracy

Applications of Mathematics

Why should I study Mathematics?

Mathematics equips us with many of the skills required for life, learning and work. It motivates and challenges learners to problem solve effectively and develops skills in interpreting and analysing information before making informed decisions. National 4 and National 5 maths provide us with more opportunities to apply the skills we have already developed in real life situations.

What will I learn?

Examples of topics you will learn are:

At National 4 level:

Numeracy - number work, fractions, percentages and decimals
Expressions and Formulae – expanding brackets, factorising, 2D and 3D shape

Relationships – trigonometry, Pythagoras, algebra

At National 5 level:

Expressions and Formulae – algebra, straight line, surds and indices

Relationships – quadratics, trig graphs and equations

Applications – further trigonometry, vectors, statistics

Which skills will I develop?

You will develop a variety of skills that will equip you for real life and also build the important foundations that you require to be successful as you progress through maths. Some of these include:

- Applying numeracy and reasoning skills in real life situations
- Extending and developing your algebra skills
- Interpreting statistical data
- Developing the skill of stating your opinion and justifying your reasons
- Being able to work individually to problem solve and also work collaboratively with peers.

How will I be assessed?

You will be formally assessed at the end of each unit. To achieve the qualification you will then sit a final assessment, this is internal for National 4 and external for National 5, covering the whole course and this consists of two papers - calculator and non-calculator.

There will also be continual monitoring of your work throughout the year by your class teacher.

Career Pathways in Mathematics

Actuarial Work	Architecture	Market Research
Construction	Insurance	Stockbroking
Accountancy	Software Development	Buying
Economics	Astronomy	Meteorology
Pharmacy	Investment Analysis	Surveying
Administration	Sound Technology	Medical Technology
Engineering	Banking	Computer Games
Air Traffic Control	Management	Design
Industrial Design	Statistics	Network Management
		Transport and Logistics

Mathematics

National 5 Applications of Maths

Head of Faculty Mrs F Moir

Why should I study Mathematics?

Applications of maths involves logical analysis, deduction and calculation within real life situations. It involves mathematical skills that are underpinned by numeracy and reasoning skills that will prepare you for life, learning and work.

People like its challenge, its clarity, and the fact that everything is applied in a real life context. The solution of a problem has an excitement and a satisfaction.

What will I learn?

Numeracy - Consolidate and extend basic numeracy skills in real life situations

Shape and Measure - Measurement, navigation, Pythagoras, volume.

Statistics - Data gathering, diagrams, decision making

Financial skills - Budgeting and planning, best deal, calculating salaries, savings and borrowing.

Which skills will I develop?

You will develop a variety of skills in Applications of maths, some of these include:

- analyse real-life situations and problems involving mathematics
- select and apply numeracy skills
- select and apply skills in finance, statistics, measurement, geometry, graphical data and probability
- use mathematical reasoning skills to draw conclusions or justify decisions
- communicate mathematical information in an appropriate way

How will I be assessed?

You will be formally assessed at the end of each unit. To achieve the qualification you will then sit a final external assessment covering the whole course and this consists of two papers - calculator and non-calculator.

There will also be continual monitoring of your work throughout the year by your class teacher.

Career Pathways in Mathematics

Actuarial Work	Architecture	Market Research
Construction	Insurance	Stockbroking
Accountancy	Software Development	Buying
Economics	Astronomy	Meteorology
Pharmacy	Investment Analysis	Surveying
Administration	Sound Technology	Medical Technology
Engineering	Banking	Computer Games
Air Traffic Control	Management	Design
Industrial Design	Statistics	Network Management
		Transport and Logistics

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Faculty of Science

Head of Faculty Mrs L Hill

Focus areas within the Faculty Biology
Chemistry
Physics

Why should I study Biology?

The National 5 course aims to develop scientific understanding of Biological ideas relevant in the world today. The course will be of value to those wishing to enhance skills and knowledge previously gained in S3 through experimental and investigative approaches.

What will I learn?

The National 5 Biology course consists of three units of work:

- **Cell Biology:** Taking a look at cell ultra-structure, DNA, biochemical processes within cells, microbiology, therapeutic use of cells and bio-ethics.
- **Multi-cellular Organisms:** This will cover areas such as reproduction, growth and development, anatomy and physiology, biotechnology and growing plants.
- **Life on Earth:** How animals and plant species interact through outdoor investigations, impact of pollution, biodiversity and animal behaviour.

Which skills will I develop?

In National 5 Biology you will have opportunity to develop your skills in the following areas:

- applying biology knowledge to new situations, interpreting information and solving problems
- planning, designing, and safely carrying out experiments/practical investigations to test given hypotheses or to illustrate particular effects
- selecting information from a variety of sources
- presenting and process information appropriately in a variety of forms
- making predictions and generalisations based on evidence/information
- drawing valid conclusions and giving explanations supported by evidence
- suggesting improvements to experiments/practical investigations
- communicating findings/information.

How will I be assessed?

National 5 Biology will be internally assessed through end of unit tests and ongoing assessment in the form of research tasks and practical techniques and experimental investigations. Students who pass all internal assessments including the prelim exam will be presented for the SQA external exam.

National 5 pupils will have to complete an externally assessed "Assignment". This will comprise of an experiment and a research task written up in a standard scientific format. This makes up 20% of the final grade for the course. In addition there will be an externally assessed SQA exam for National 5 making up 80% of the final grade. This is a 2.5 hour exam.

Career Pathways in Biology

Ecology	Occupational Therapy	Teaching
Brewing	Ophthalmics & Orthoptics	Dentistry
Dietetics	Nursing	Psychiatry
Forensics	Medicine	Radiology
Horticulture	Audiology	Pharmacology
Biochemistry	Agriculture	Biotechnology
Sports Science	Food Science	Veterinary Work

Why should I study Chemistry?

Chemistry, the study of matter and its interactions, contributes essential knowledge and understanding across all aspects of our lives. Chemistry explains the links between matter and the macroscopic properties of the world. Chemistry research and development is essential for the introduction of new products and the chemical industry is a major contributor to the economy of the country. National 5 Chemistry is a one-year course designed to build on prior knowledge and understanding covered in S3 so as to lead on to Higher Chemistry in either S5 or S6 depending on your progress.

What will I learn?

National 5 Chemistry course consists of three units:

Chemical Changes and Structure: you will study Rates of Reaction; Atomic structure; Energy changes in chemical reactions and Acids and Alkalis.

Nature's Chemistry covers Fossil fuels, Hydrocarbons, Everyday consumer products and Plants to products.

Chemistry in Society explores Metals, Plastics and Ceramics, Fertilisers, Nuclear Chemistry and Chemical Analysis.

Which skills will I develop?

The main aims of the National 5 Chemistry courses are to:

- develop scientific inquiry and investigative skills
- develop scientific analytical thinking skills in a chemistry context
- develop the use of technology, equipment and materials safely in practical scientific activities
- develop problem solving skills in a chemistry context
- use and understand scientific literacy in everyday contexts, to communicate ideas and issues

How will I be assessed?

Assessment will be conducted regularly, through check-tests and end of unit assessments.

In **National 5** Chemistry, students must pass all end of unit assessments and the prelim exam before they can be presented for the external SQA exam. The National 5 external exam is worth 100 marks and contributes to 80% of the overall mark. The external exam last for 2.5 hours. Students must also complete an Assignment, a research task which requires you to present/communicate your findings. The assignment is marked externally by the SQA and counts towards 20% of the final mark for this course.

Career Pathways in Chemistry

Agriculture	Engineering	Nursing
Biochemistry	Environmental Health	Oil & Gas Production
Brewing	Environmental Science	Pharmaceuticals
Chemical Plant Operations	Food Science	Plastics & Polymer
Chemical Engineering	Forensic Science	Technology
Dentistry	Materials Science	Teaching
Dietetics	Medicinal Chemistry	Waste Management

Why should I study Physics?

Physics gives learners an insight into the underlying nature of our world and its place in the universe. From the sources of the power we use, to the exploration of space, it covers a range of applications of the relationships that have been discovered through experiment and calculation, including those used in modern technology. National 5 Physics is a one-year course designed to build on knowledge and understanding and skills developed in S3 so as to lead on to Higher Grade Physics in S5 or S6 depending on progress.

What will I learn?

National 5 Physics consists of six units:

- 1.Waves
- 2.Radiation
- 3.Dynamics
- 4.Space
- 5.Electricity
- 6.Properties of matter

Which skills will I develop?

The aims of the National 5 Physics course are for learners to:

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

How will I be assessed?

Assessment will be conducted regularly, through check-tests and end of unit assessments.

In **National 5** Physics, end of unit assessments and the prelim exam have to be passed to allow students to sit the SQA external exam. The National 5 external exam is worth 135 marks and contributes to 80% of the overall mark. Students must also complete an Assignment, a research task which requires you to present/communicate your findings. The assignment is marked externally by the SQA and counts towards 20% of the final mark for this course

Career Pathways in Physics

Radiography	Architecture	Medical Technology
Geophysics	Dentistry	Audiology
Physiotherapy	Meteorology	Engineering Technology
Civil Aviation	Teaching	Astrophysics
Medicine	Electronics	Finance
Astronomy	Oceanography	Renewable Energy Science
Computing	Telecommunications	Auto-electrical Repair
Medical Physics	Engineering	Toolmaking
Construction	Sound Technology	Patent Examination

Faculty of Technologies

Head of Faculty Miss N Bett

Focus areas within the Faculty

- Administration & IT
- Business Management
- Computing Science
- Design & Manufacture
- Practical Craft Skills

Administration & IT

National 4/5

Head of Faculty Miss N Bett

Why should I study Admin & IT?

Administration is a growing sector which cuts across the entire economy and offers wide-ranging employment opportunities. The Administration and IT course enables learners to appreciate the importance of administration and is designed for all learners but may be of particular interest to those who wish to develop practical IT and Administrative skills. It provides learners with the ICT skills that can lead to employment and/or training in various industries.

What will I learn?

Learners will be taught in a variety of ways through participating in engaging, motivating and practical activities relevant to the world of work. The course takes into account the needs of all learners by providing sufficient flexibility to enable them to achieve in different ways.

Learners will use applications such as Word Processing, Spreadsheets, Databases, Desktop Publishing and Presentation software along with new emerging technologies.

Which skills will I develop?

Learners will develop a range of skills that will enable them to use IT in everyday administration-related contexts. The skills include the ability to perform simple administrative tasks and to use basic functions of IT applications. Learners will also develop the basic skills in using internet, e-mail and e-diary applications.

Through developing these skills, this course will enhance learners' personal effectiveness and their ability to take on organisational tasks willingly. It teaches them how to communicate with others using technology. The skills developed through this course can be seen as important life skills.

How will I be assessed?

National 4 - All units are internally assessed against SQA unit specifications. The course is accessible to all learners and a variety of assessment strategies will be used to gain evidence of pupil achievement.

National 5 – To gain an award for this course, the learner must pass all of the units as well as the course assessment. The purpose of the assessment is to assess added value as well as confirming attainment and providing a grade. Evidence of the assessment will be submitted to SQA for external marking.

There will also be an SQA exam to sit at the end of the course.

Career Pathways in Business Management

Office Administration	Leadership roles	Human Resources
Receptionist	Management roles	Marketing
Secretary	Supervisory roles	IT
Clerical		
Data Entry		

Business Management

National 4/5

Head of Faculty Miss N Bett

Why should I study Business Management?

This Course is designed to develop learners' understanding of the way in which businesses operate. Business has an integral part to play in today's modern society. We all rely on businesses and entrepreneurs to create wealth and jobs. Therefore, it is essential society has effective businesses and business managers to sustain this role. This course acts as an introduction to the world of business and highlights the ways in which organisations operate and the steps they take to achieve their goals.

What will I learn?

Learners will develop the enterprising skills and personal attributes required to succeed in business. They will research a small business and to use ICT within a business context. Learners will develop an understanding of the importance of meeting and satisfying customer needs. They will explore how a business operates through the key functional activities that support business – Marketing, Finance, Human Resources, and Operations. Learners will also develop an understanding of financial awareness through a business context and the effect of external influences on business.

Which skills will I develop?

Learning about business prepares pupils for the world of work. The course develops a wide range of skills for learning, skills for life and skills for work. These include enterprising and employability skills, literacy and numeracy skills, decision-making skills, communication skills, researching, interpreting data, presenting and analysing information and using technology.

How will I be assessed?

National 4: You will be assessed through a research project that will have you present a business proposal in a method of your choosing.

National 5: You will be assessed through a research project on a business of your choice and then presenting your findings in a business report. There is also an external exam at National 5 level.

Career Pathways in Business Management

Marketing	Civil Service	Office Management
Buying	Procurement	Hospitality Management
Insurance	Clerical Work	Public Relations
Accounting	Advertising	Human Resources
Manufacturing	Economics	Retail and Sales
Importing/ Exporting	Banking	Industrial Relations
Local Government	Entrepreneurship	Property Management

Why should I study Computing Science?

You will gain an insight into the capacities of computing professionals as problem-solvers and designers, able to design, implement and operate hardware and software systems, and the far-reaching impact of information technology on our environment and society. You will also develop a range of transferable skills for learning, skills for life and skills for work, opening up a wide range of career and study opportunities.

What will I learn?

The Course has three mandatory Units including the Added Value Unit.

Software Design and Development – you learn to create software applications by writing a range of short computer programs. You will also study how a computer stores data and instructions, and develop an understanding of computer architecture.

Information Systems Design and Development - you learn to create information systems such as databases and web sites. You will also develop an understanding of the technical, legal and environmental issues relating to information systems.

Computing Science Assignment - This Unit requires the learner to apply skills and knowledge from the other Units to analyse and solve an appropriate challenging computing science problem.

Which skills will I develop?

The Computing Science course will develop your skills in computational thinking, planning, researching, organising and problem-solving throughout.

Embedding literacy and numeracy skills: researching and presenting information; evaluating; discussing; listening; talking; number processes; information handling.

How will I be assessed?

Units are assessed by completing a folio of evidence to demonstrate your knowledge, understanding and practical ability. Course assessment is an extended assignment where you demonstrate that you can apply the knowledge and skills from both units to solve problems in both practical and theoretical contexts.

National 4 is not graded and there is no external exam.

National 5 is graded: extended assignment 30% and the external exam 70% of the overall grade.

Career Pathways in Computing Science

3D Modelling	Database Admin	App Development
Animation	IT Consultant	Systems Analysis and
Bioinformatics	Cyber Security	Design
Computer Aided Design	Multimedia Development	Systems
Games Programming	Network Management	Development
Games Testing	Software Engineer	Teaching
Hardware Engineer	Software Programming	Web Development
		Web Design

Design & Manufacture

National 4/5

Head of Faculty Miss N Bett

Why should I study Design & Manufacture?

Our Design and Manufacture course provides a broad and practical experience in product design and manufacture, with amazing opportunities for learners to gain skills in designing and communicating design proposals. Learners develop design skills, knowledge and understanding of materials & manufacturing processes, and enhance their creative and practical skills. The course is part of a challenging, coherent and enjoyable learner journey through designing and making.

What will I learn?

Learning in Design & Manufacture will be a mixture of skills and knowledge based.

Design: You will learn how to communicate using graphics and model making. Your developing literacy will help you discuss and explain decisions you have made to make your designs the best they can be.

Manufacture: You will learn to make prototypes of your own designs in the workshops then evaluate them to decide if improvements could be made

Which skills will I develop?

Learning will allow you to develop skills in:

Designing: Researching, Developing Specifications, Communicating Ideas through the use of graphics and model making, Developing Ideas, Planning for Manufacture, Evaluating Designs.

Manufacturing: Marking Out, Cutting, Shaping, Assembling and Finishing Wooden, Metal or Plastic prototypes. Applying knowledge of commercial production and manufacture in Design Tasks

How will I be assessed?

You will be assessed to ensure you develop skills in designing and in manufacturing.

Designing: Feedback on folio work and class tests, including literacy and numeracy.

Manufacture: Feedback on skills and accuracy in preparing and building working prototypes of products you have designed.

You will complete a series of tasks building appropriate skills. You will be assessed and receive feedback on your progress throughout each stage.

National 4: You will complete both a practical project and a folio to achieve your qualification. There is no final exam.

National 5: You will complete an assignment worth 55% of your final grade and final exam worth 45%.

Career Pathways in Design & Manufacture

Architecture	Engineering	Boat/ship Building
Ergonomics	Modelmaking	Wood Machining
Product Design	CNC Machining	Technical Illustration
Building Technology	Interior Design	Cabinet Making
Fabrication and Welding	Signmaking	Digital Design
Set Design	Metalworking	Exhibition Design
Construction Crafts	Plumbing	Manufacturing
Furniture Design	Computer Aided	Technology
Industrial Design	Manufacture	Maintenance Fitting

Practical Craft Skills

National 4/5

Head of Faculty Miss N Bett

Why should I study Practical Craft Skills?

If being hands-on and being in the workshop is your thing, then Practical Craft Skills is for you! Improve your craft skills through a range of useful items that you will have the satisfaction of taking home. Gain an insight into the world of work through this practical subject. Learn how to work individually and with others.

What will I learn?

Through a range of projects you will learn about the many different ways that products are made from wood. You will learn the theory behind them and then apply this knowledge by making products of your own. In the theory side of things you will have to complete a log book that tells someone all about what you'd learned in class—particularly useful for interviews for apprenticeships!! And you will also learn about sustainability issues related the manufacturing from wood.

Which skills will I develop?

You will develop your dexterity through the use of a range of tools; hand, machine and computer controlled. Numeracy skills will be developed through the requirement for accuracy in measuring and marking out. Analytical and problem solving skills will be developed through interpreting working drawings. You will get to develop your creativity by being able to customise the projects to your own specifications. Communication skills will be developed through working with peers.

How will I be assessed?

National 4: You will be assessed through project work throughout the year and a final project that makes up the pass/fail element of the course. You must work to a tolerance of +/- 2 mm to given sizes.

National 5: You will be assessed through project work throughout the year and a final project that makes up 70% of the course award. You must work to a tolerance of +/- 1 mm to given sizes. There is also an exam which makes up the other 30% of the course award.

Career Pathways in Practical Woodworking

Joinery	Plumbing	Motor Vehicle Repair
Furniture Manufacture	Welding & Fabrication	Security System
Cabinet Making	Blacksmithing	Installation
Wood Machining	Toolmaking	Electronics Engineer
Sawmill Work	Vehicle Body Repair	Electrical Engineer
Construction Crafts	Pipefitting	Railway Maintenance
Craft Work	Engineering	Energy Distribution
Formwork	Machining	Telecommunications
Shop Fitting	Sheet Metal Work	IT Support