



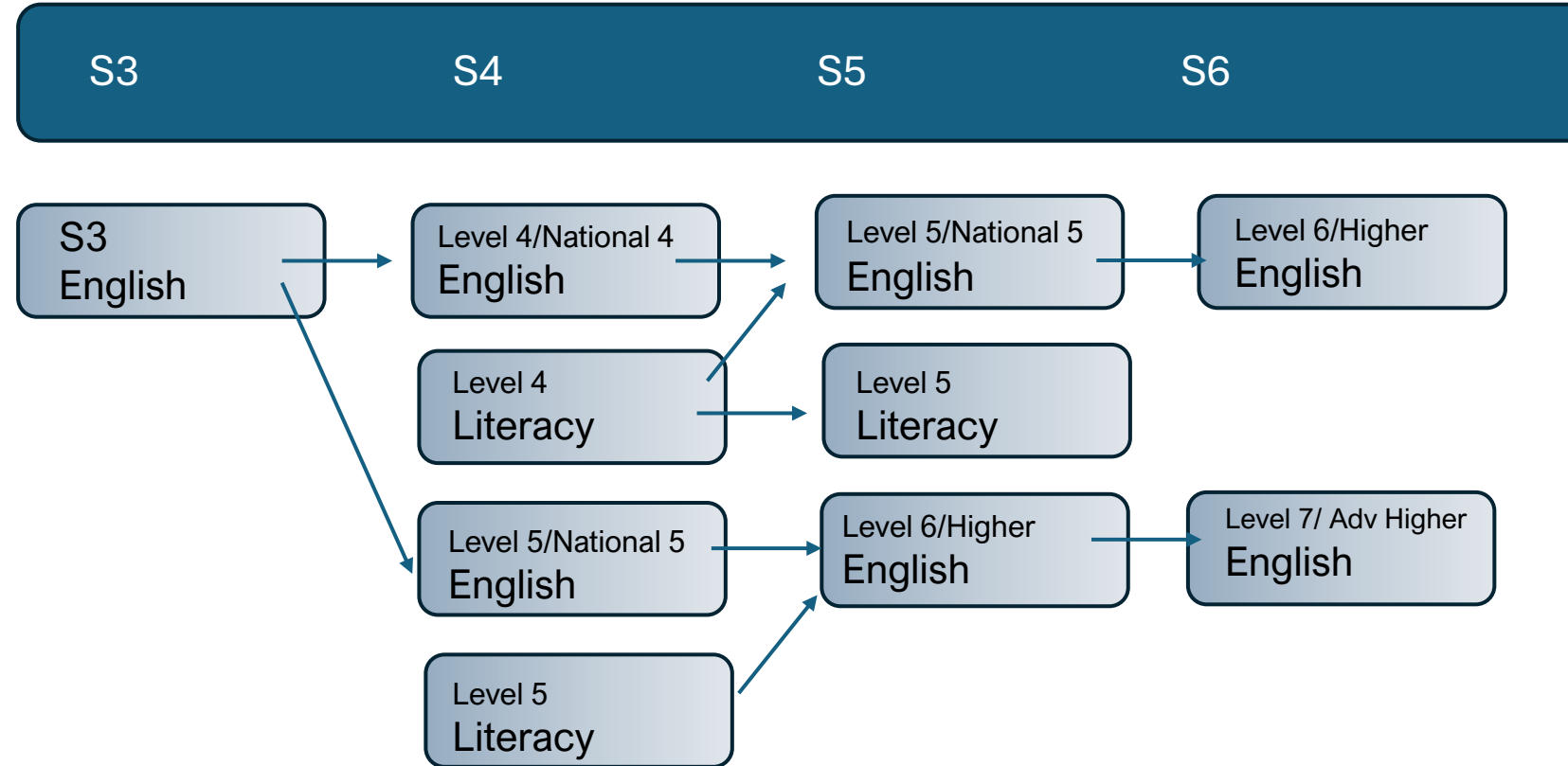
S2 Pathways

Subject Information



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English (N4 & N5)

Course Content:

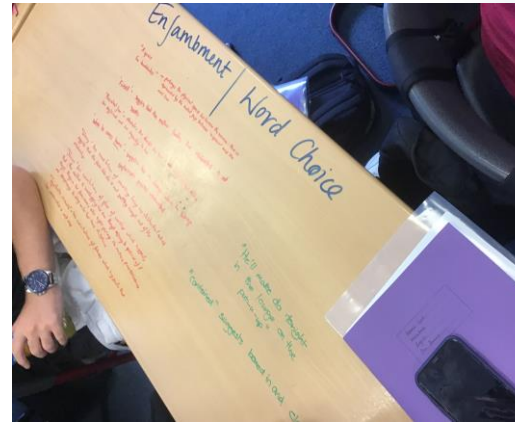
N4 and N5 English equips students with essential reading, writing, talking and listening skills.

National 5 students will study;

- RUAE (Reading for Understanding, Analysis and Evaluation)
- A range of Literature in preparation for Critical Essay writing.
- A Scottish Set Text (poetry, prose or drama.)
- Writing skills to prepare for a writing Portfolio.

Key Skills:

- | | | |
|----------------------|-------------|---|
| • Reading Presenting | - Talking | - |
| • Writing Team Work | - Listening | - |
| • Creativity | | |



Assessment Overview:

- N4 learners will undertake in-class assessments throughout S3 & S4.
- N5 learners will complete a Portfolio and an externally assessed end of year SQA exam.
- All learners will undertake regular formative & summative assessments including an S3 exam and S4 prelim.



Learning and Career Pathways:

Learners successful at N5 can progress to Higher English and further to Advanced Higher in S6. They can also progress to Higher Media in S5/6 too.

English opens a door to myriad career pathways, careers in the Creative Arts, Teaching, Journalism, Writing, Social Work, Social Subjects all require excellent Literacy and Communication skills gained in English.

In addition to Humanities, many STEM University courses will expect a Higher English pass alongside Science and Maths qualifications.

English Sway – please click on the link below



- [English Sway](#)
- [English s3 options \(1\).mp4](#)

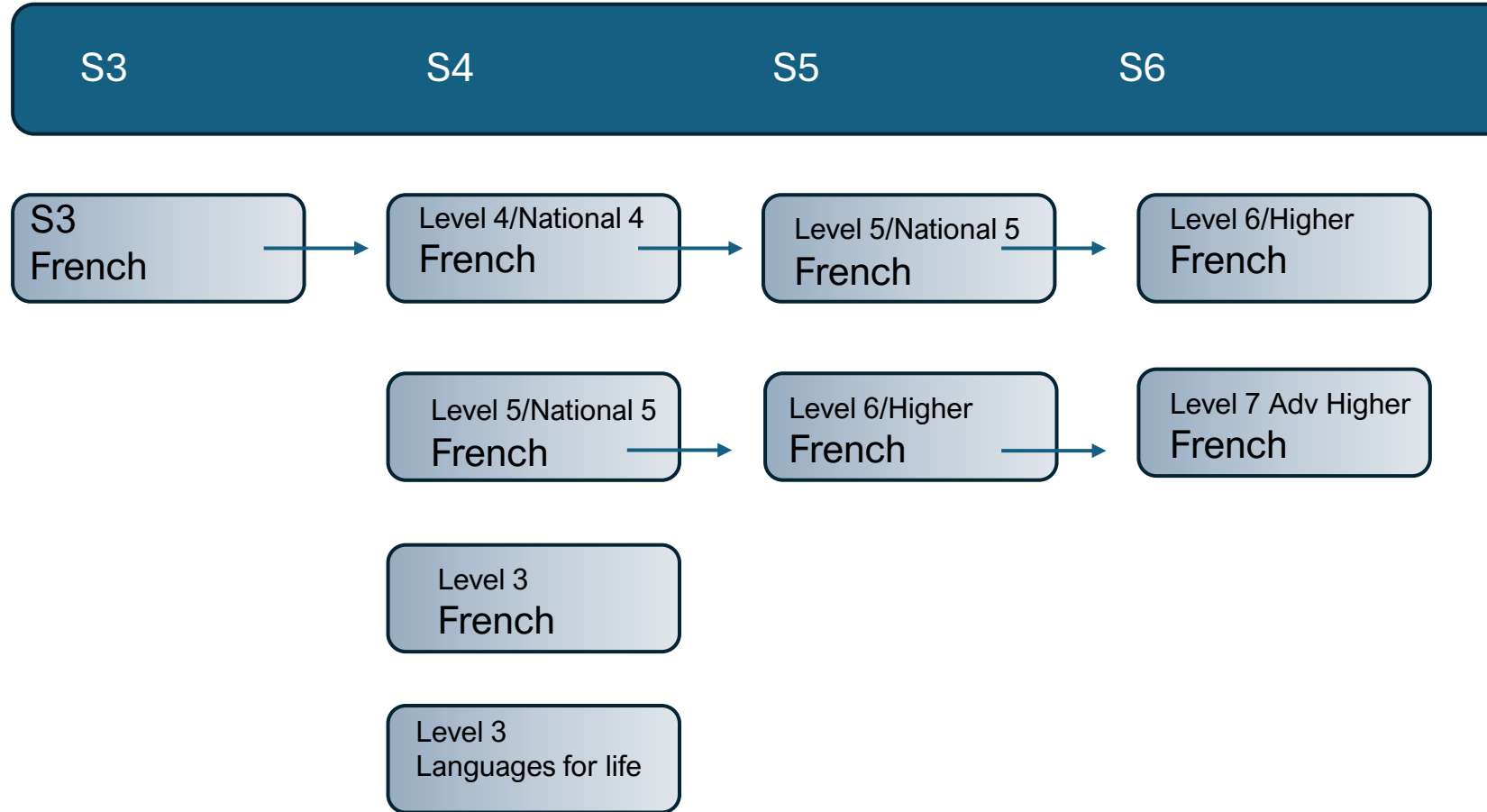


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Curricular Area - Languages



- French
- Spanish
- Languages for Life

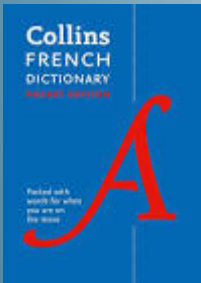


French (N3, N4 & N5)

Course Content:

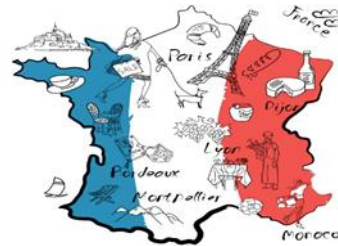
One of the world's most beautiful languages and the only language to be spoken in all 5 continents. The studying of French will open all sorts of international opportunities to you.

You will learn how to talk about your free time, where you live and your future plans as well as looking at the culture of the Francophone world



Key Skills:

- Listening
- Reading
- Talking
- Writing



Learning and Career Pathways:

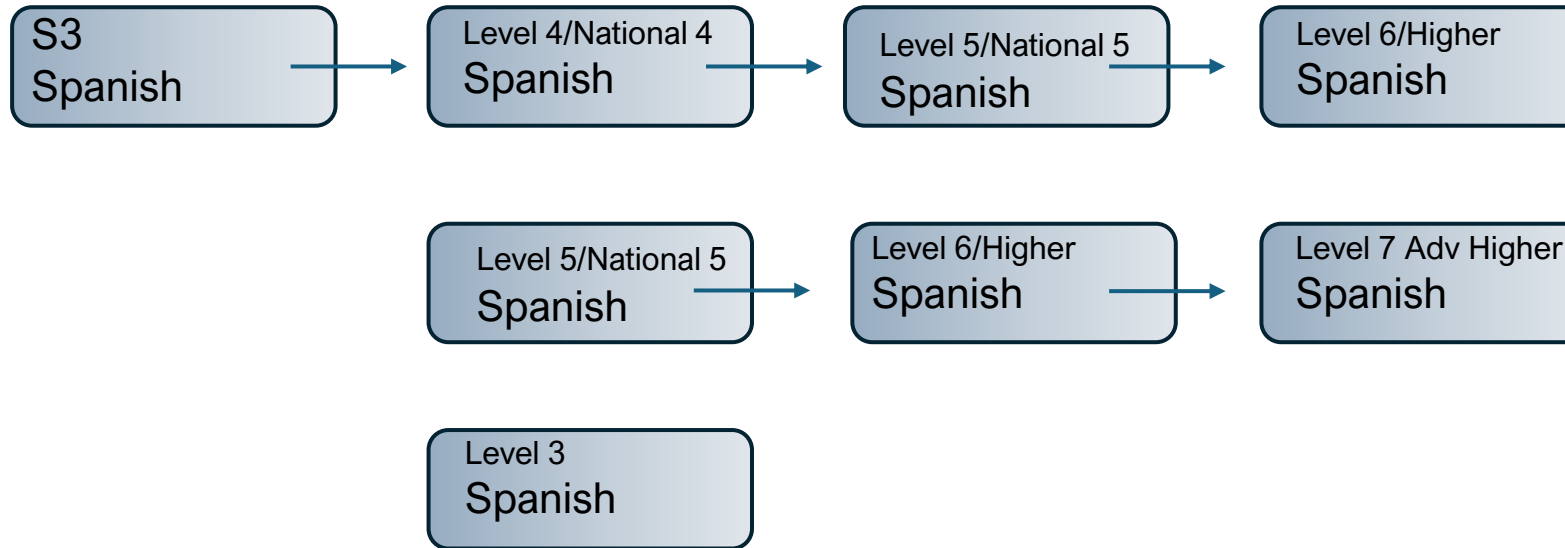
- Interpretation
- Journalism
- Teaching
- Tourism

The main careers which commonly combined with French

- Accountancy
- Business
- Engineering
- History/Politics/Geography
- Law

Assessment Overview:

- All learners will complete on-going vocabulary testing throughout S3 & S4
- N4 learners will undertake in-class assessments throughout S3 & S4.
- N5 learners will complete an Assignment in class an externally assessed SQA exam at the end of S4.
- All learners will undertake regular formative & summative assessments including an S3 exam and S4 prelim.



Spanish (N3,N4 & N5)

Course Content:

Spanish is the second most spoken language in the world with 427 million speakers and 40 million in the USA alone. Spain is the holiday destination of choice for the majority of the British people. You will learn how to talk about your free time, where you live and your future plans as well as looking at the culture of the Hispanic world



Key Skills:

- Listening
- Reading
- Talking
- Writing



Learning and Career Pathways:

- Interpretation
- Journalism
- Teaching
- Tourism
- **The main careers which commonly combined with Spanish**
 - Accountancy
 - Business
 - Engineering
 - History/Politics/Geography
 - Law

Assessment Overview:

- All learners will complete on-going vocabulary testing throughout S3 & S4
- N4 learners will undertake in-class assessments throughout S3 & S4.
- N5 learners will complete an Assignment in class and an externally assessed SQA exam at the end of S4.
- All learners will undertake regular formative & summative assessments including an S3 exam and S4 prelim.

Languages 1 year course

Course Content:

You will study a combination of both French and Spanish on a rotation basis. You will begin with French until October then switch to Spanish until Christmas. A second rotation of these will follow thereafter

There will be a combination of language skills and vocabulary as well as a strong element of culture and associated activities.

Key Skills:

- Listening
- Talking
- Reading
- Writing



Assessment Overview:

- All learners will complete the National 3 French assessments
- All learners will complete Languages for Life and work at level 3

Learning and Career Pathways:

- This course is suited to those learners looking to continue at N4 or N5 at a later date

Languages Sway – click on the link below

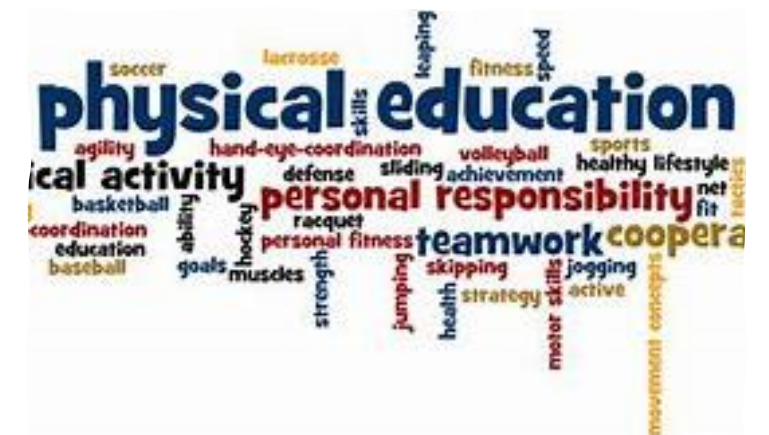
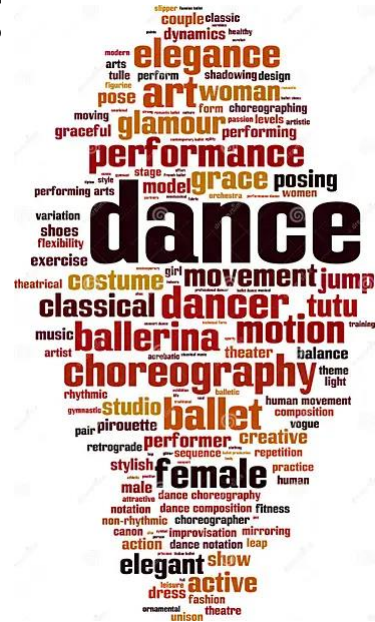


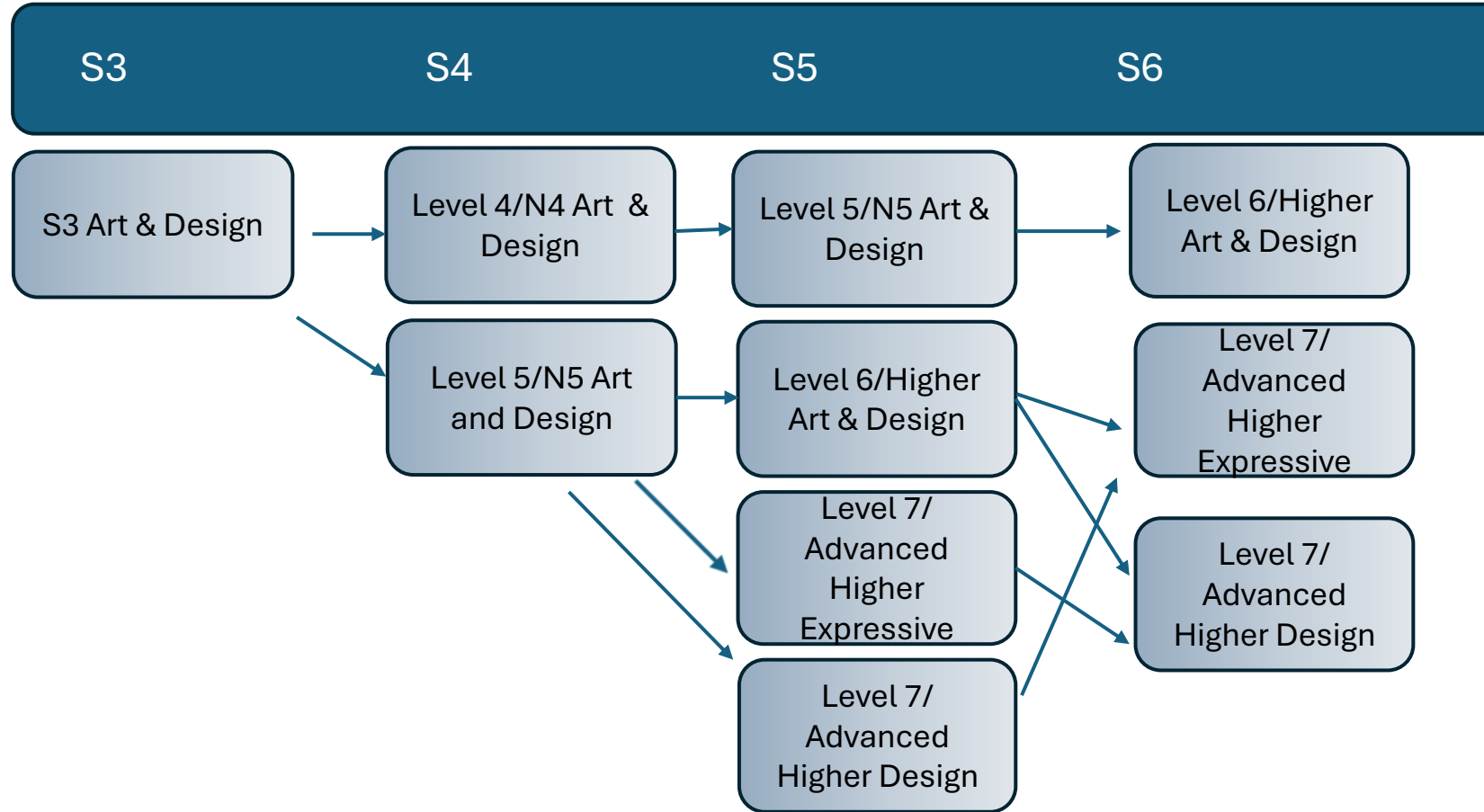
- [Choosing a Modern Language](#)



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Art and Design (N4 and N5)

Course Content:

Art and Design covers a broad range of creative activities and techniques – ranging from the traditional mediums of pencil and paint to cutting edge digital learning tools

N4 & N5 learners will create separate expressive and design folios which will allow them to develop their drawing, painting and printmaking skills as well as creating digital design folios. They will also learn how to critically analyse the work of designers and artists.

Key Skills:

- Creative problem solving
- Practical expressive and design skills
- Literacy

Assessment Overview:

N4 learners will undertake in-class assessments throughout S3 and S4

N5 Learners will complete 2 folios in class which will be sent away for SQA external assessment and an externally assessed SQA exam at the end of S5.

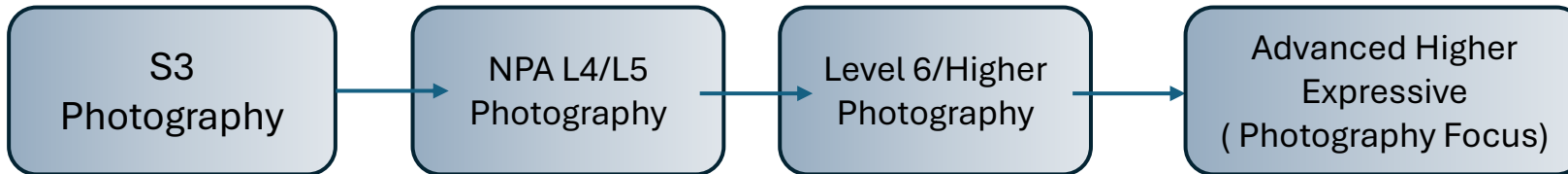
All learners will undertake regular formative and summative assessments including an S3 exam and S4 prelim.



Learning and Career Pathways:

- Learners passing N5 can progress to study Higher Art.
- Art and Design is important for all careers in the creative industries such as video game design, animation, fashion design, jewellery, textiles, UX design, service design and fine art.

Photography



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Photography (NPA)

Course Content:

NPA Photography (Level 4 and Level 5) encourages young people to research Photographers and take inspiration from them to create their own shoots.

Split into Portraiture, Landscape and Photo Editing, NPA Photography teaches a broad range of digital skills as well as the ability to identify skills, analyse techniques and evaluate photographs.

Key Skills:

- **Practical Photography Skills**
- **Digital Skills**
- **Literacy**
- **Problem Solving and Logistics**

Assessment Overview:

Level Four asks young people to complete a booklet (or presentation) with three key photographers, four photoshoots and four examples of photo editing. They are expected to be able to analyse photographs and explain key compositional techniques and visual elements.

Level Five asks young people to complete a presentation where they study two key photographers in much greater depth and then undertake six photoshoots based on them.

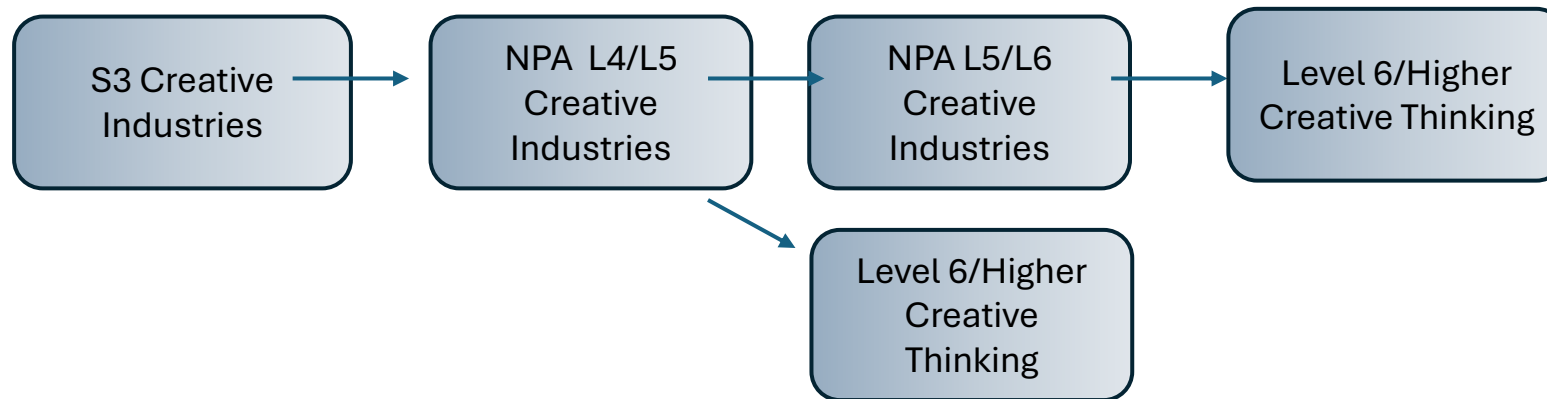
These folios are internally assessed and both levels are Pass/Fail in nature.



Learning and Career Pathways:

- Higher Photography
- Advanced Higher Art – Expressive with a focus on Photography
- Photography courses at college
- Photography is a highly flexible area within the creative industries allowing for anything from Photography as an art form in and of itself, Sports Photography, Family Photography, Commercial Photography, Weddings/Events Photography and so many other options. With the expanding field of social media marketing, Photography can be an essential skill.

Creative Thinking



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Creative Thinking (N5)

Course Content:

This course focuses on applying a more experimental and open-ended creative process to solve real world problems.

The units can range from a fashion brand, to immersive experience, to experimental sport activities to name only a few. There is not an exam for this course, instead a sketchbook and a digital notebook are produced to evidence your learning.

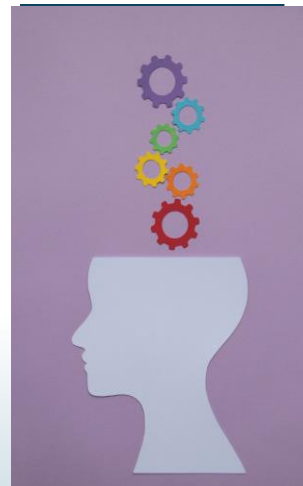
Key Skills:

- Creative problem solving
- Visual, Oral and Written Communication
- Conceptual Thinking

Assessment Overview:

This course provides an alternative to the SQA assessment structure.

All learners undertake regular formative reflection exercises throughout the course. The key feature for assessment and external moderation is to evidencing your process and decision making through sketchbooks and digital content. The moderation assessment process is done in collaboration with our partners Daydream Believers.



Learning and Career Pathways:

- Learners passing N5 can progress to study Higher Creative thinking.
- Creative Thinking is important for all careers in the creative industries such as video game design, animation, fashion design, jewellery, textiles, UX design, service design and sports.

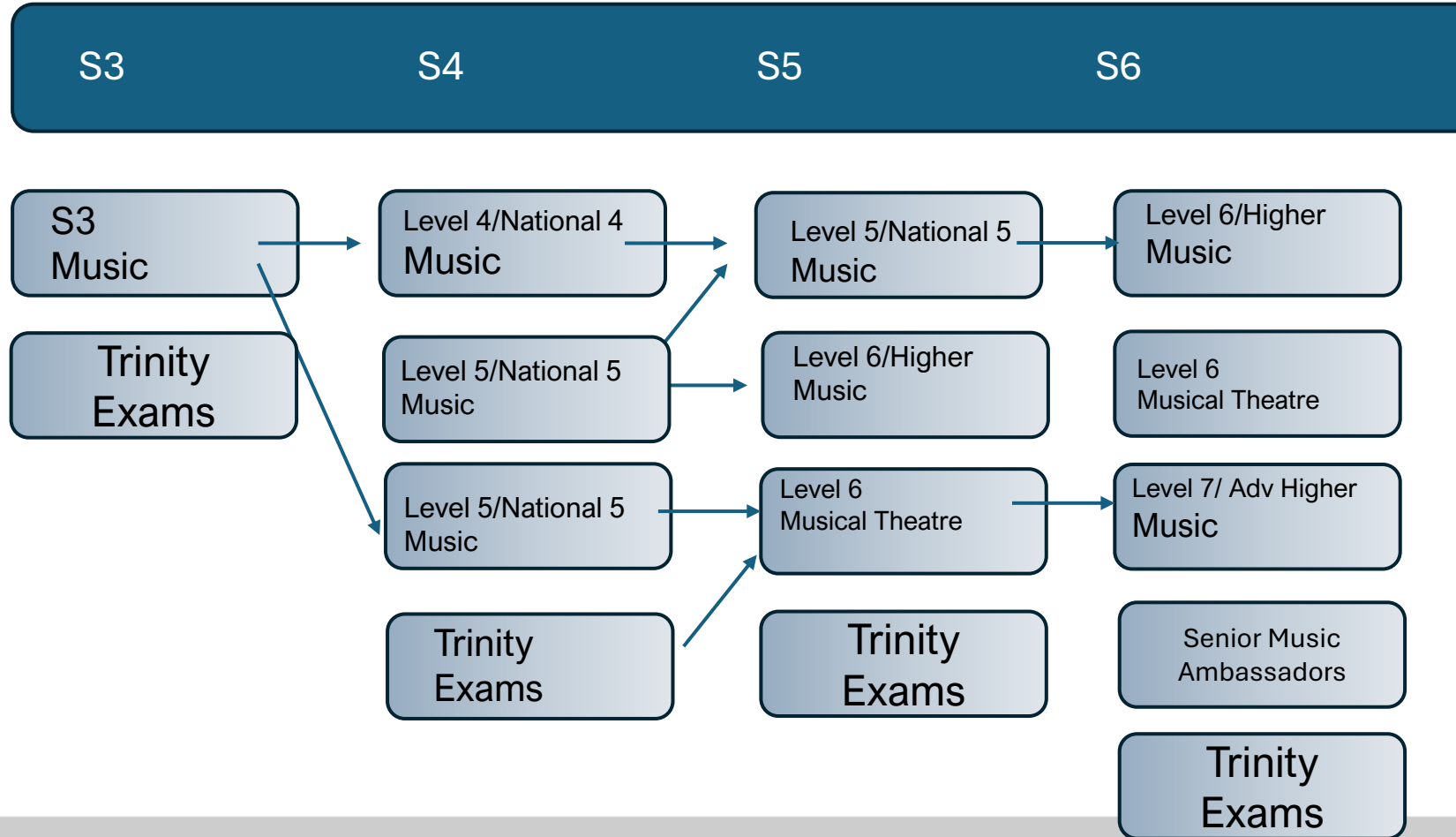
Art Department Sway – click on the link below



- [ART, DESIGN & PHOTOGRAPHY DEPARTMENT](#)



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Music (National 4 & National 5)

Course Content:

In S3 pupils will study courses which build on the experiences and outcomes at Third and Fourth level. As they progress into the Senior Phase in S4, music will be offered at National 4 and National 5 level.

At both National 4 and National 5 level, learners will continue to develop performing skills on two instruments as well as developing a deeper musical understanding through listening to music. Learners will also produce their own musical compositions. Every effort will be made to include pupils on our instrumental teaching programme, as appropriate, where they can benefit from small group teaching from specialist staff.

Key Skills:

- Performing on two instruments
- Understanding Music (Listening)
- Composing Skills

Assessment Overview:

- In class Understanding Music assessments throughout S3 & S4
- S3 Solo performing on two instruments
- S3 Understanding Music Assessment
- S4 Prelim (Performing and Understanding Music)

N4 Course Requirements

Performing Skills 8min programme on two instruments
Composing Assignment
Understanding Music

All elements are internally assessed

N5 Course Requirements

Performing Skills – 8 min programme on two instruments assessed by SQA Examiner
Composing Assignment – assessed by SQA
Understanding Music – formal SQA exam



Learning and Career Pathways:

- Higher Music
- Advanced Higher Music
- Further Study at Tertiary Level

In addition, there are numerous performance opportunities in and outside school.

Aside from becoming a professional musician, careers which music is of benefit to include - Primary Teacher, Arts Administration, Community Arts, Dance, Acting/Drama, Theatre Technology, Broadcasting, Media, Film Making/Production, Music Management, Marketing, Agent, Sales, Publishing, Choreographer, Roadie

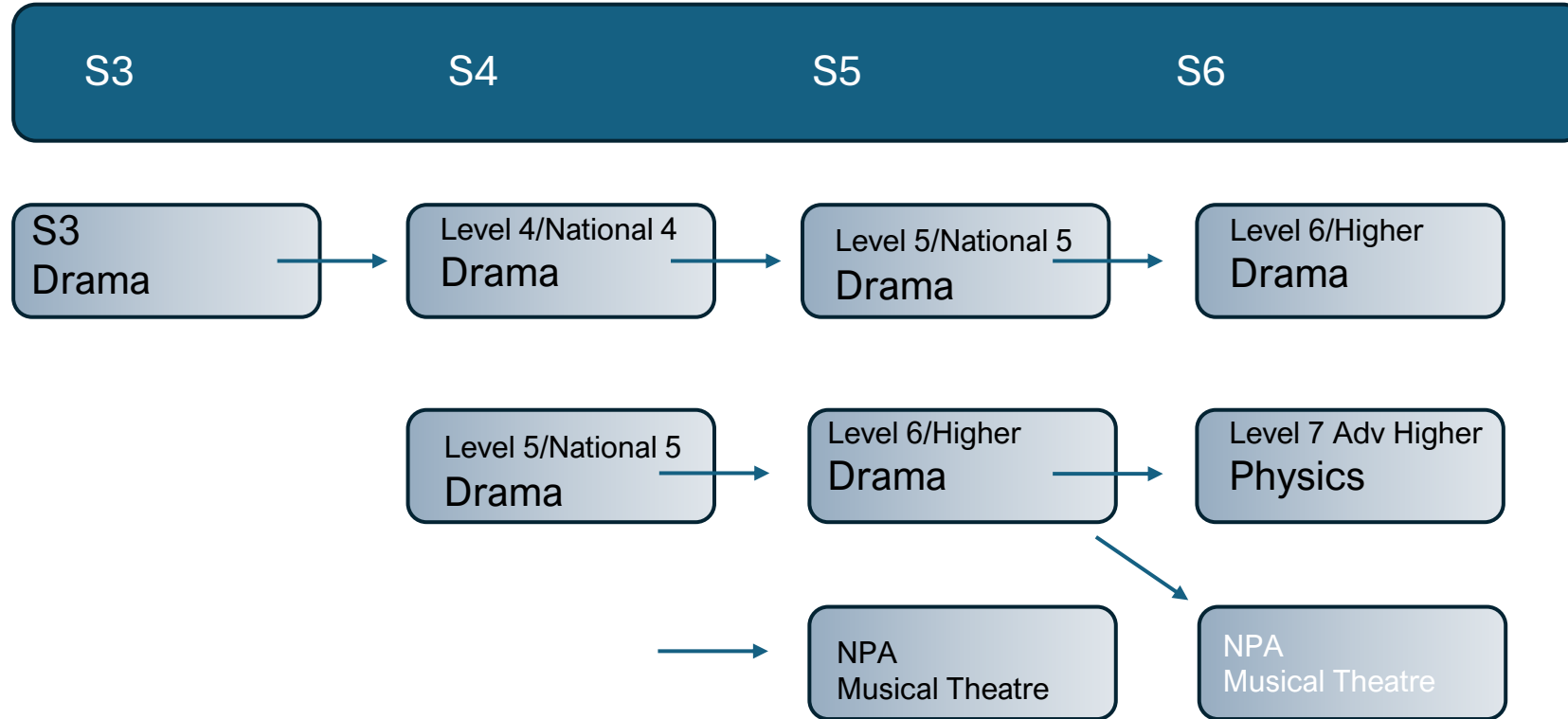
Music Presentation– click on the link below



[S2 Music Options Choice powerpoint.pptx](#)



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Drama (N5)

Course Content:

The drama course explores theatre and performance. You engage with theatre arts such as lighting design, sound production and costume design and manufacture. The drama course is designed to allow pupils to gain skills in a variety of areas that will not only benefit them in Drama, but allow them to develop communication skills and broaden their knowledge

N5 pupils will study thoughts and ideas when creating drama, develop a knowledge and understanding of a range of social and cultural influences on drama, develop a range of skills in presenting drama, develop a knowledge and understanding of the use of a range of production skills when presenting drama and explore form, structure, genre and style.

Key Skills:

Presenting, Listening, Leadership, Teamwork



Assessment Overview:

Pupils will complete an SQA Question paper worth 60 marks at the end of S4. This is 40% of the overall course.

Pupils will be externally assessed by SQA marker in a performance worth 60 marks and 60% of the overall course award. The performance has two sections: a performance and the preparation for performance.

Learning and Career Pathways:

- Learners passing N5 can progress to study Higher Drama
- Some learners may choose to study NPA Musical Theatre
- There are a wide range of opportunities available in the Drama industry in Scotland, the UK and beyond. You could follow a career in Acting, Directing, Theatre Arts, Musical Theatre, Broadcasting, Screenwriting and Producing. Young people also go on to use their drama skills in courses such as Law, Media and Education
- Drama also teaches you're the interpersonal and communication skills employers and universities will look for in applications and interviews

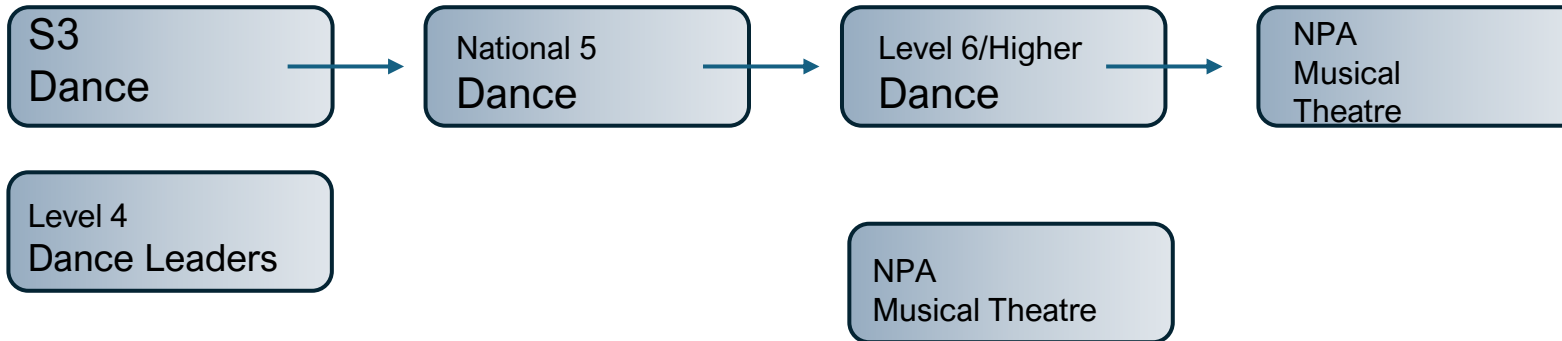
Drama Sway – click on the link below



- [Drama Sway](#)



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Dance

Course Content:

Dance is an exploration of diverse dance and choreographic techniques, encompassing both practical and theoretical aspects. Students will delve into the historical origins of dance and examine the significant influence of theatrical arts upon its evolution. Through an in-depth study of jazz, students will acquire a comprehensive understanding of the performance and technical skills essential for mastery in this dynamic genre. Additionally, they will engage with choreography, discovering various tools and innovative devices to enhance their routines and elevate their expression.

The N5 course aims to enable candidates to demonstrate and apply knowledge and understanding of dance, develop a range of technical dance skills and performance skills to enhance performance. They will learn to develop knowledge, understanding and appreciation of dance practice. They will learn to understand and apply knowledge of a range of choreographic skills to create a dance. The course students being able to evaluate work, work imaginatively and demonstrate creativity as well as co-operate, support and work with others effectively. They also will explore how theatre arts can enhance a performance and apply the principles of safe dance practice

Key Skills:

**Presenting, Teamwork,
Building Resilience**



Assessment Overview:

Pupil will sit an external examination Question Paper at the end of S4. The question paper has 30 marks (20% of the overall course award).

Pupils will prepare and create a Practical activity worth 65 marks. This will be the creation and presentation of choreography for two dancers and an essay to support the choreographic process that is completed internally. (45% of the overall course award).

Pupils will be externally marked by an SQA examiner in a solo Performance in one dance style. The performance has 35 marks (35% of the overall course award). The performance is a teacher choreographed technical solo in a selected dance style.

Learning and Career Pathways:

- Learners passing N5 can progress to study Higher Dance
- Some learners may choose to study NPA Musical Theatre
- The National 5 Dance course encourages young people to become successful, independent and creative in their use of dance. They develop attributes and capabilities including creativity, flexibility and adaptability; enthusiasm and a willingness to learn; perseverance, independence and resilience; responsibility and reliability; confidence and enterprise needed for a wide variety of jobs. Young people have gone on to follow a career and study Performing Arts, Dance, Dance Science and Education, Musical Theatre and Creative Arts.

Dance Sway – click on the link below



- [Dance Sway](#)



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Physical Education (N5)

Course Content:

Physical Education is the study of physical activity, fitness, and the development of physical, mental, emotional and social factors that impact on performance.

N5 learners will study factors that impact on performance and create a performance development plan to develop skills in a physical activity. The course aims to develop the ability to safely perform a comprehensive range of movement and performance skills, it aims build capacity to perform effectively and develop approaches to enhance personal performance. Pupils will also learn how to monitor, record and evaluate performance development

Key Skills:

Leadership, Problem Solving, Teamwork and Communication.



Assessment Overview:

Pupils will complete a Portfolio worth 60 marks completed in class and submitted to SQA in March in S4.

Pupils will participate in a Performance Assessment worth 60 marks. The purpose of this component is to assess their ability to effectively perform in two different physical activities. This is assessed internally by staff at the end of S4.



Learning and Career Pathways:

- Learners passing N5 can progress to study Higher Physical Education.
- Some learners may choose to study Sports Leaders level 5.
- Physical Education teaches young people – critical thinking, writing, analytical skills, problem solving, leadership, interpersonal skills and a sense of responsibility. These skills can be used across a range of careers but most young people decide to follow a career in sports, studying in Sport Science, Physiotherapy, Sport Psychology, Sport Development or Education.

PE Sway – click on the link below

- [PE Sway](#)

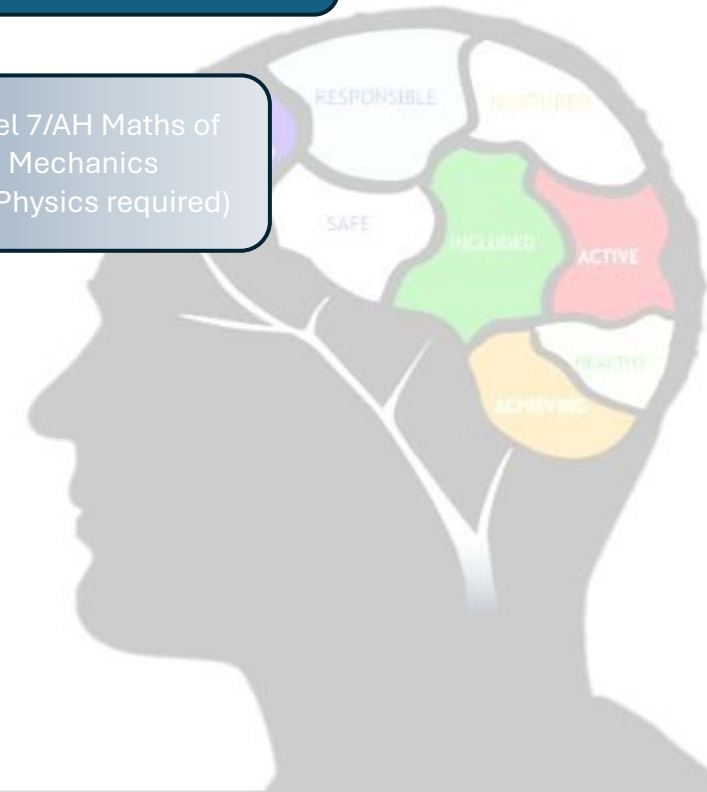
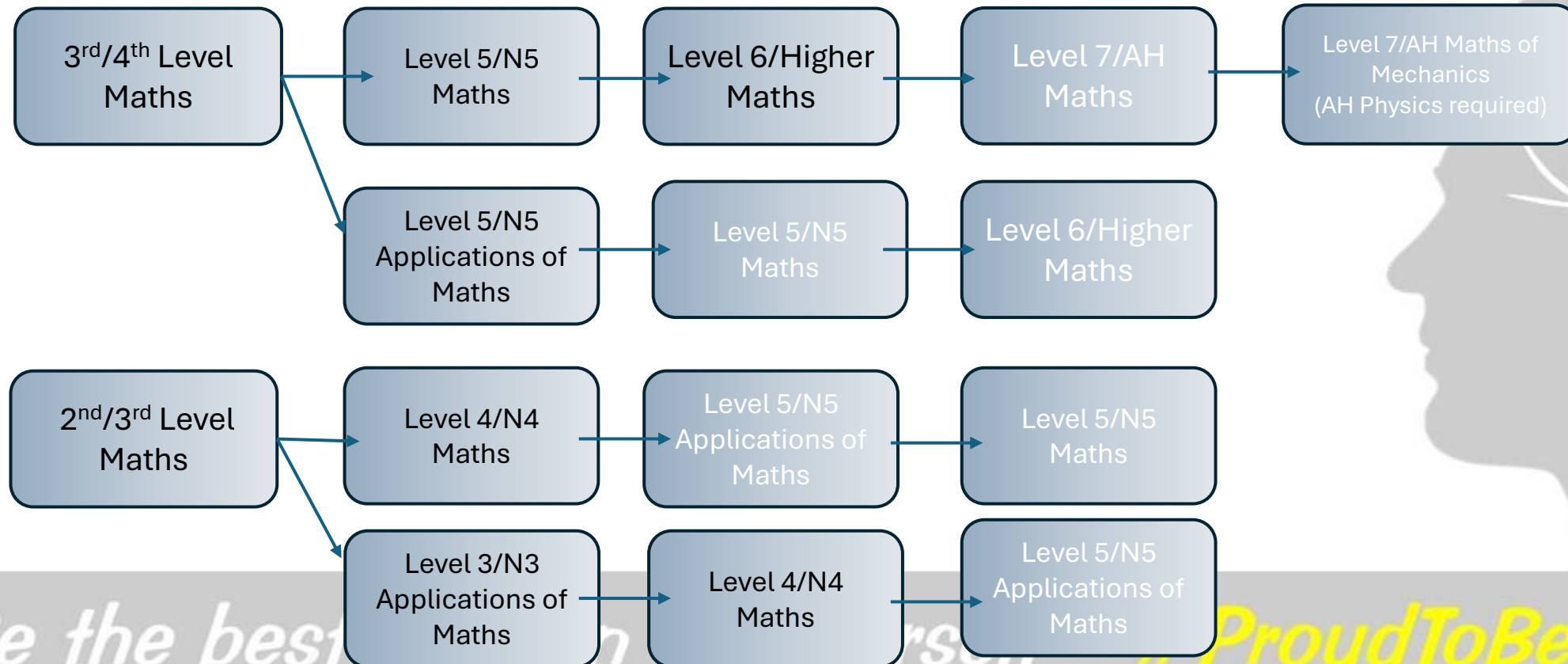


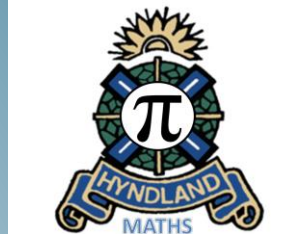
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Mathematics & Numeracy
Information

S2 Pathways







Mathematics & Numeracy (N4)

Course Content:

The overall aim of the course is to develop a range of mathematical operational and reasoning skills that can be used to solve mathematical and real-life problems.

The course develops important mathematical techniques which are critical to successful progression beyond National 5 in Mathematics and many other curriculum areas. The skills, knowledge and understanding in the course also support learning in technology, science, and social studies.

Key Skills:

- Numerical Skills
- Algebraic Skills
- Geometric Skills
- Trigonometric Skills
- Statistical Skills
- Reasoning Skills
- Thinking Skills (Applying, Analysing and Evaluating)

Assessment Overview:

4 Unit Assessments (UASPs) throughout S3 and S4 covering:

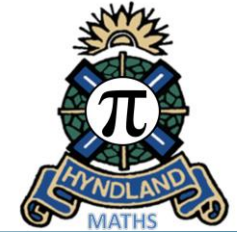
- Expressions & Formulae
- Relationships
- AVU
- Numeracy

Note: No external exam



Learning and Career Pathways:

- Learners passing N4 can progress to study N5 Mathematics or Applications of Mathematics.
- STEM Fields (Science, Technology, Engineering, Mathematics)
- Finance and Business
- Trades and Skilled Roles (Construction Apprenticeships)
- Public Services (Emergency Services, Education, Armed Forces)
- Creative and Design Roles (Graphic Designer, Games Developer)



Mathematics & Numeracy (N5)

Course Content:

The overall aim of the course is to develop a range of mathematical operational and reasoning skills that can be used to solve mathematical and real-life problems.

The course develops important mathematical techniques which are critical to successful progression beyond National 5 in Mathematics and many other curriculum areas. The skills, knowledge and understanding in the course also support learning in technology, science, and social studies.

Key Skills:

- Numerical Skills
- Algebraic Skills
- Geometric Skills
- Trigonometric Skills
- Statistical Skills
- Reasoning Skills
- Thinking Skills (Applying, Analysing and Evaluating)

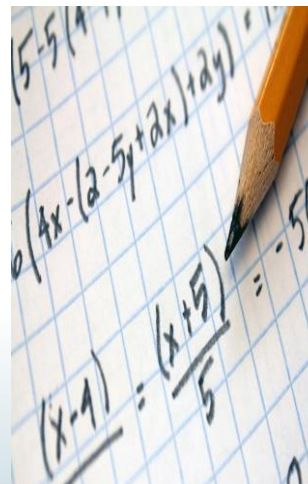
Assessment Overview:

4 Unit Assessments (UASPs) throughout S3 and S4 covering:

- Expressions & Formulae
- Relationships
- Applications
- Numeracy

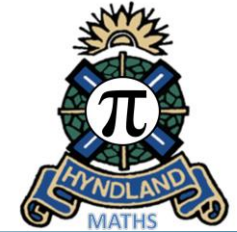
External Exam in May of S4:

- Paper 1 Non Calculator – 40 marks (1 hour)
- Paper 2 Calculator – 50 marks (1 hour 30mins)



Learning and Career Pathways:

- Learners passing N5 can progress to study Higher Mathematics.
- STEM Fields (Science, Technology, Engineering, Mathematics)
- Finance and Business (Accountancy, Actuary)
- Trades and Skilled Roles (Construction Apprenticeships)
- Public Services (Emergency Services, Education, Armed Forces)
- Creative and Design Roles (Graphic Designer, Games Developer)



Applications of Mathematics (N5)

Course Content:

The overall aim of the course is to develop a range of mathematical operational and reasoning skills that can be used to solve mathematical and real-life problems.

The course develops important mathematical techniques which are critical to successful progression beyond National 5 in Mathematics and many other curriculum areas. The skills, knowledge and understanding in the course also support learning in technology, science, and social studies.

Key Skills:

- Numerical Skills
- Financial Skills
- Statistical Skills
- Geometric Skills
- Measurement Skills
- Graphical data & Probability Skills
- Thinking Skills (Applying, Analysing and Evaluating)

Assessment Overview:

4 Unit Assessments (UASPs) throughout S3 and S4 covering:

- Managing Finance and Statistics
- Geometry & Measures
- Numeracy
- **External Exam in May of S4:**
 - Paper 1 Non Calculator – 35 marks (50 mins)
 - Paper 2 Calculator – 55 marks (1 hour 40mins)



Learning and Career Pathways:

- Learners passing N5 Applications of Maths can progress to study N5 Mathematics.
- Finance and Business Roles
- Construction and Trades
- Public Services
- Healthcare and Support

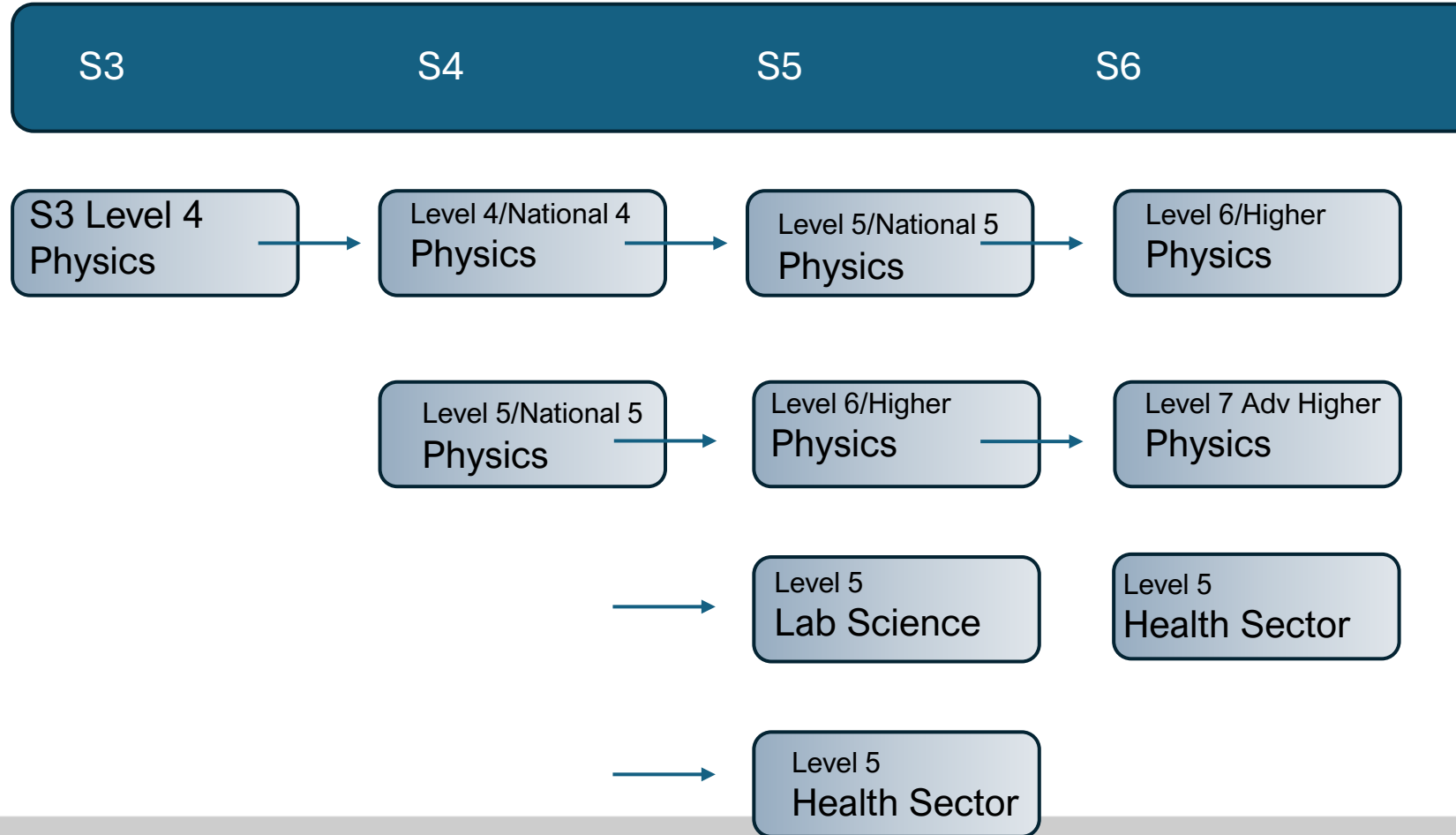
Maths Sway – click on the link below



- [S2 Maths Course Options](#)



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PHYSICS National 4 and 5



Course Content:

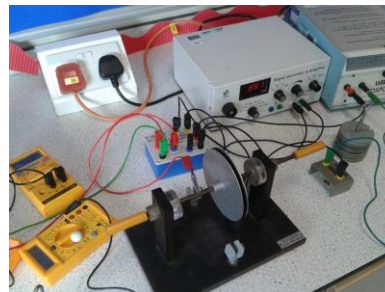
Physics, simply put, is the study of the universe and everything in it – of energy, matter and the way they interact. In physics the most fundamental questions about the Universe are explored and we attempt to answer them by observing and experimenting. N4 & N5 learners will study six units: Dynamics, Space, Electricity, Properties of Matter, Waves & Radiation.

The study of physics is of benefit, not only to those intending to pursue a career in science, but also to those intending to work in areas such as the health, energy, leisure, finance, engineering and computing industries.



Key Skills:

- Practical laboratory skills
- Numeracy
- Problem Solving

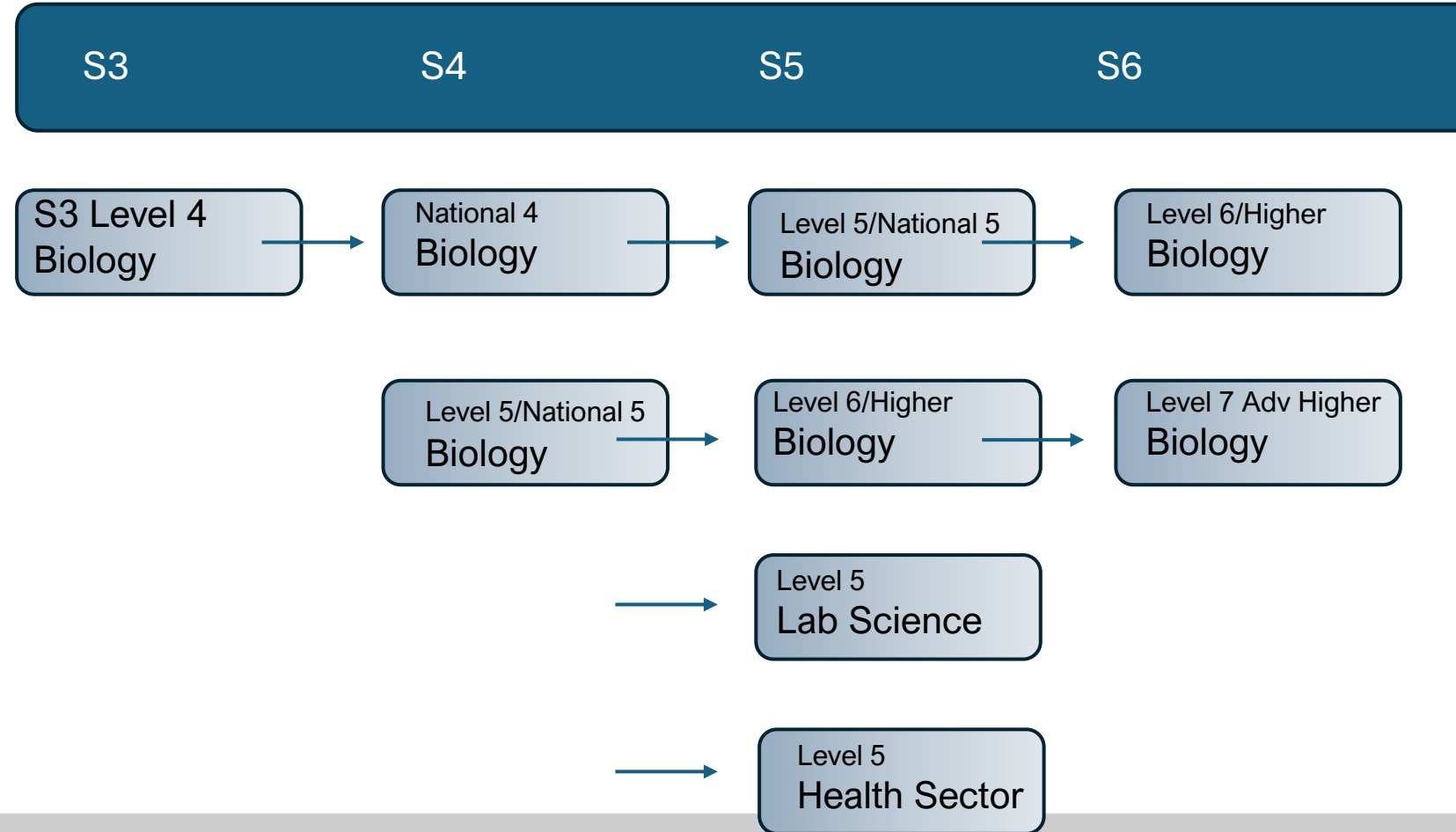


Assessment Overview:

- N4 learners will undertake in-class assessments throughout S3 & S4.
- N5 learners will complete an Assignment in class and an externally assessed SQA exam at the end of S4.
- All learners will undertake regular formative & summative assessments including an S3 exam and S4 prelim.

Learning and Career Pathways:

- Learners passing N5 can progress to study Higher Physics.
- Some learners may choose to undertake a Foundation Apprenticeship in Engineering or Software Development.
- Physics is important for many careers in the Health Service such as Physiotherapy, Radiography and Medicine, as well as other careers such as Telecommunication, all types of Engineering - Electronic, Civil, Aeronautical, Aerospace, Software, Sound – computer design and many more related careers. All these careers are in high demand.



BIOLOGY – National 4 and 5



Course Content:

In our S3 BGE Biology Course there are 3 Units, which aim to develop learners understanding of Biology in 3 main areas.

Cell Biology

This will include cell structure and the processes within cells, such as transport, photosynthesis and respiration

Multicellular Organisms

Learners will develop knowledge, skills related to the study and investigation of whole organisms. We will find out more about important processes such as reproduction and inheritance in plants and animals.

Life on Earth

Learners will develop knowledge and skills related to the study and investigation of Planet Earth. We learn more about world ecosystems, biodiversity and the relationships which exist between organisms and their environment.

Key Skills

In this course you will develop many scientific skills including:

- Investigation planning and evaluation skills
- Data Analysis skills and the skills to process numerical information
- Skills of Scientific Literacy

Assessment Overview:

- N4 learners will undertake in-class assessments throughout S3 & S4.
- N5 learners will complete an Assignment in class and an externally assessed SQA exam at the end of S4.
- All learners will undertake regular formative & summative assessments including an S3 Exam and S4 Prelim.

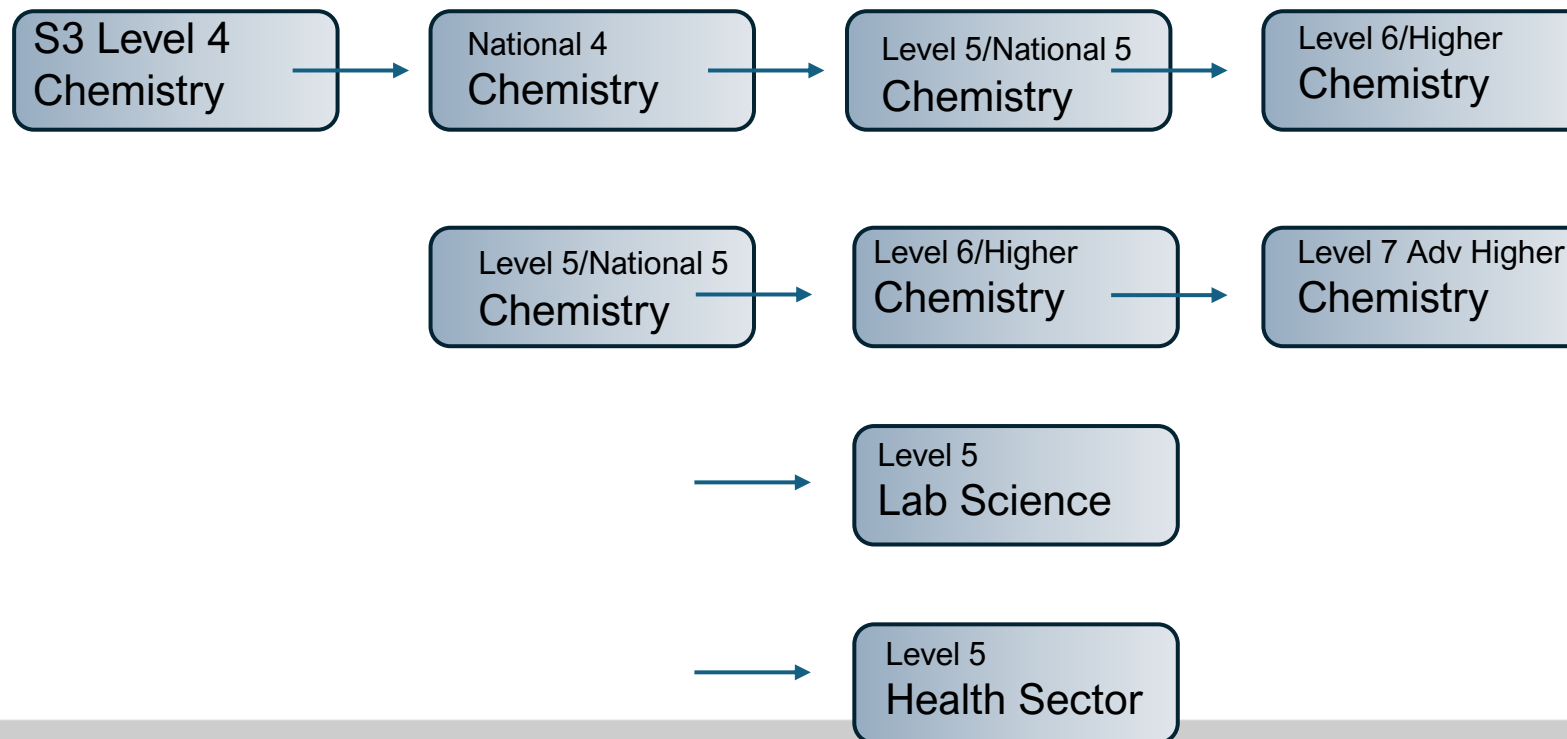


Learning and Career Pathways:

Biology —the study of living organisms — plays a crucial role in our everyday existence, and is an increasingly important subject in the modern world. Biology affects everyone and aims to find solutions to many of the world's problems.

Biology is essential for careers in many diverse fields. These include:

- Medicine
- Dentistry
- Veterinary Medicine
- Nursing, (and other related professions)
- Biological science
- Food science
- Physiotherapy,
- Psychology
- Environmental Management & Conservation,



CHEMISTRY - National 4 and 5



Course Content:

These courses aim to develop learners' curiosity, interest and enthusiasm for chemistry in a range of contexts.

- Chemical changes and structure: including, rates of reaction, atomic structure and bonding, formulae and reacting quantities and acids and bases.
- Nature's chemistry: including, homologous series, everyday consumer products and energy from fuels.
- Chemistry in society: including, metals, plastics, fertilisers, nuclear chemistry and chemical analysis.

Key Skills:

The key skills of scientific inquiry and investigation are integrated and developed throughout the Course.

The course offers opportunities for candidates to develop the ability to think analytically and to make reasoned evaluations.

Assessment Overview:

- N4 learners will undertake in-class assessments throughout S3 & S4.
- N5 learners will complete an Assignment in class and an externally assessed SQA exam at the end of S4.
- All learners will undertake regular formative & summative assessments including an S3 Exam and S4 Prelim.



Learning and Career Pathways:

Learners passing N5 can progress to study Higher Chemistry.

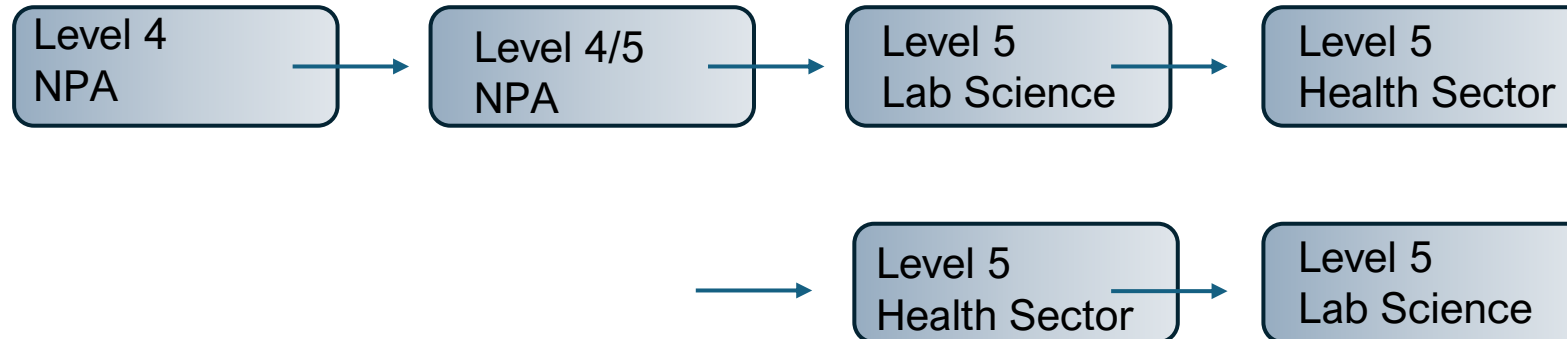
Learners can progress to Laboratory Science in S5. This is a practical based subject that allows these skills to develop further.

Studies in Chemistry can lead to a career in healthcare, pharmaceuticals, IT, finance and management, and many students go into further study or research.

Other careers when can stem from Chemistry include, analytical chemist, biotechnologist, chemical engineer, clinical biochemist, forensic scientist, laboratory technician, nanotechnologist or pharmacologist... and many more!

Hyndland
Secondary School

NPA Science and Health



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NPA Science & Health (Level 4)



Course Content:

The purpose of this course is to develop knowledge and understanding of science and its applications in relation to human health.

The course covers a mix of Biology, Chemistry and Physics all related to health at National 4 level.

Five modules are covered in this course:

- Human Health,
- Nature's Chemistry,
- Waves and Radiation,
- Science Practical Skills
- Life Science Industry.

Key Skills:

Communication, Numeracy, ICT, Problem Solving & Working with Others.

Assessment Overview:

All assessment is completed in class.
A range of assessment is completed across the 5 modules, including:

- Class tests
- Practical activities
- Reports
- Folios of work

Learning and Career Pathways:

Possibility of Lab Skills, Health Sector or Environmental Science in S5 or 6.

Further study in the health or care sectors (for example HNC at college).

Routes into employment in the health or care sectors.

Science Sway – click on the link below



- [Science Sway](#)

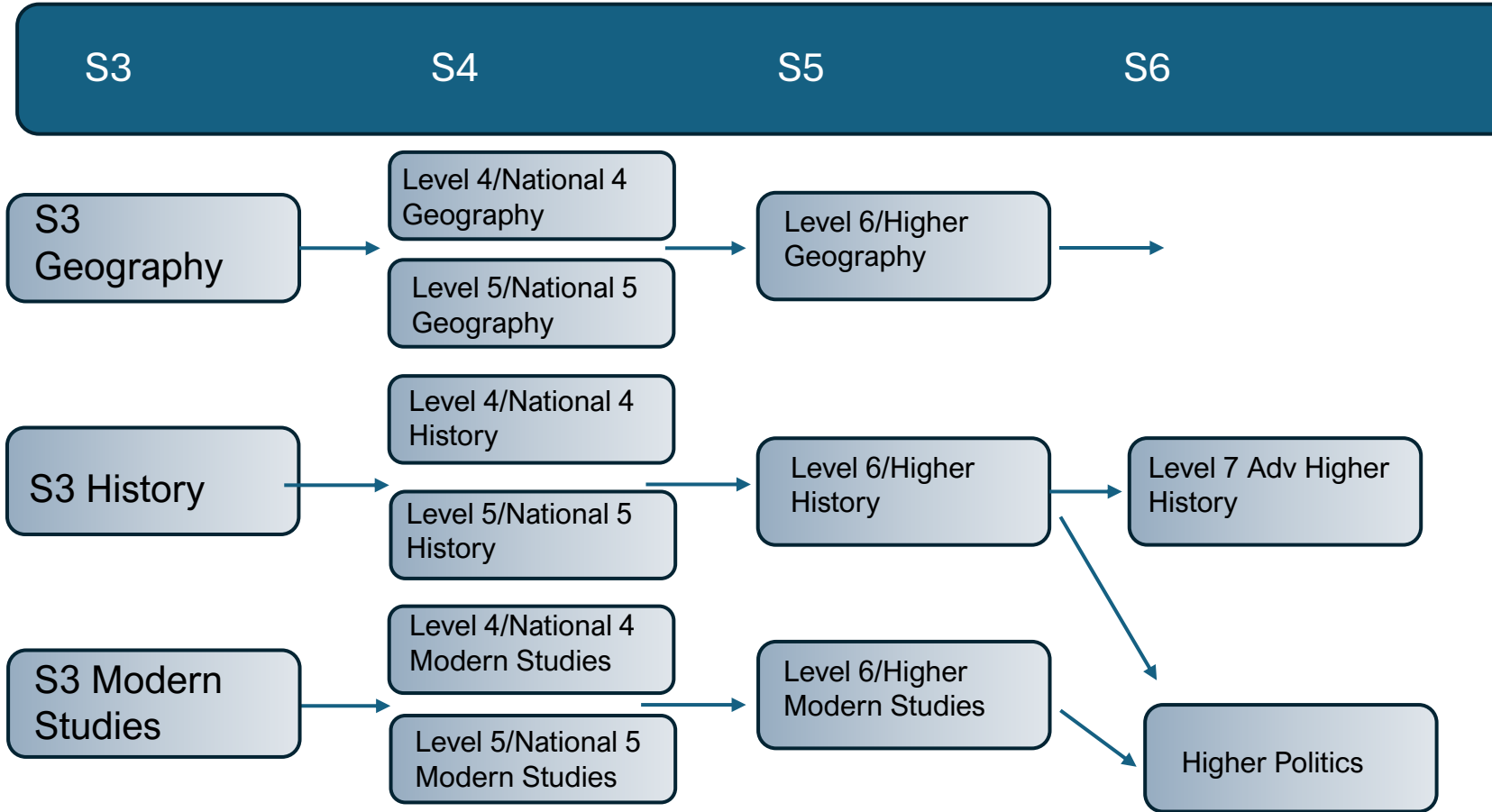


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Geography (National 4 & National 5)

Course Content:

The three units of work in S3/4:

- **Physical Geography** - Limestone, rivers & weather
- **Global Issues** - Environmental Hazards & natural regions
- **Human Geography** - Human, Rural & Population studies

Key Skills:

- Mapping skills and data analysis
- Critical thinking and evaluation skills
- Fieldwork and data gathering skills

Assessment Overview:

- N4 learners will undertake in-class assessments throughout S3 & S4.
- N5 learners will complete an Assignment in class an externally assessed SQA exam at the end of S4.
- All learners will undertake regular formative & summative assessments including an S3 exam and S4 prelim.

Learning and Career Pathways:

Pupils achieving a National 4 award at the end of S4 can progress to achieve a National 5 award in S5/6. Pupils achieving a National 5 award at the end of S4 can progress to achieve a Higher award in S5/6 and Higher Politics is offered in S6.

Employers hugely prize the knowledge and skills that studying Geography can provide, be it knowing how the world works, planning research and report writing, working in a team, using new technologies, communication skills – and much more. Higher Geography is accepted as a science for entry to Scottish University science and arts faculties.



History (National 4 & National 5)

Course Content:

The three units of study in S3/4:

- Scotland in the era of the Great War 1900-1928
- Britain 1880-1951
- Free at Last - Civil Rights in the USA 1918-1968

Key Skills:

Examining bias, usefulness and exaggeration

Critical thinking skills

Research skills on aspects of social, economic and political history

Assessment Overview:

- N4 learners will undertake in-class assessments throughout S3 & S4.
- N5 learners will complete an Assignment in class and an externally assessed SQA exam at the end of S4.
- All learners will undertake regular formative & summative assessments including an S3 exam and S4 prelim.

Learning and Career Pathways:

Pupils achieving a National 4 award at the end of S4 can progress to achieve a National 5 award in S5/6. Pupils achieving a National 5 award at the end of S4 can progress to achieve a Higher award in S5/6 and for those who receive a Higher award, Advanced Higher History is offered in S6, along with Higher Politics.

Employers hugely value the knowledge and skills that studying History can provide. History develops learners' understanding and fosters their ability to think independently, using technologies and communication skills – and much more. History helps to open the doors to careers in business management, local government, the legal profession, teaching, journalism and the civil service.



Modern Studies (National 4 & National 5)

Course Content:

The three units of study in S3/4:

- **Democracy in Scotland**
- **Social Issues - Crime and the Law**
- **World Issues - Africa**

Assessment Overview:

- N4 learners will undertake in-class assessments throughout S3 & S4.
- N5 learners will complete an Assignment in class and an externally assessed SQA exam at the end of S4.
- All learners will undertake regular formative & summative assessments including an S3 exam and S4 prelim.

Key Skills:

- Skills to interpret and participate in the social and political processes they will encounter in their lives.
- Skills in evaluating and decision making
- Research and information handling skills



Learning and Career Pathways:

Pupils achieving a National 4 award at the end of S4 can progress to achieve a National 5 award in S5/6. Pupils achieving a National 5 award at the end of S4 can progress to achieve a Higher award in S5/6. For those who achieve a Higher Modern Studies in S5, Higher Politics is also offered in S6.

Employers hugely value the knowledge and skills that studying Modern Studies can provide. Modern Studies develops an awareness of the causes and consequences of social inequality and attempts by government and other organisations and individuals to tackle it.

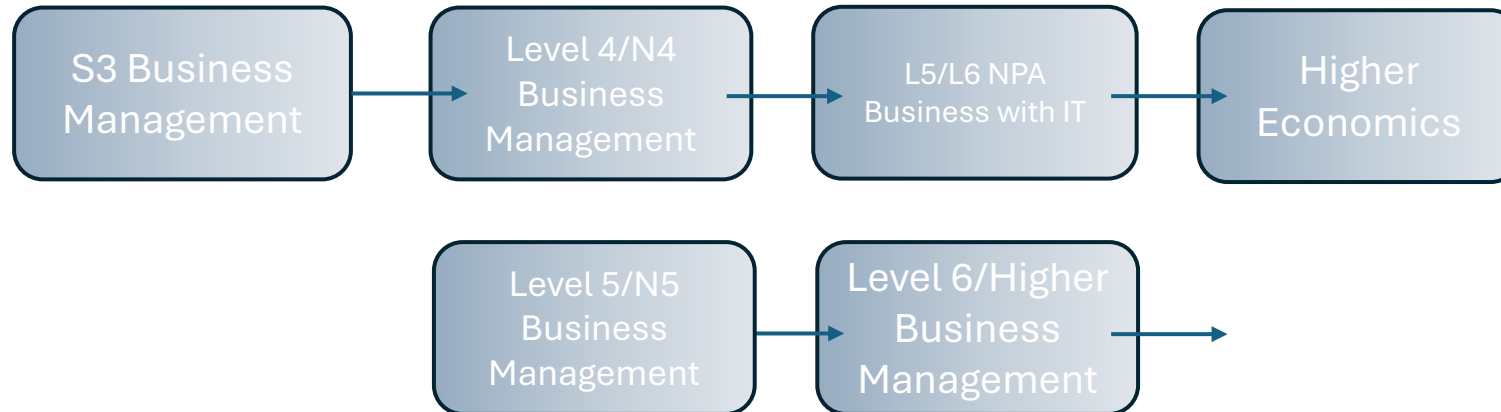
Social Subjects Sway – click on the link below



- [Social Subjects Sway](#)



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Business Management (N4 and N5)

Course Content:

Understanding Business in Society: Discover how businesses play a crucial role in meeting our needs and wants, and why they are essential to our daily lives.

Customer Satisfaction Systems: Learn about the various systems organizations use to ensure they meet their customers' needs effectively.

Enterprising Skills: Develop key enterprising skills and attributes that are valuable in any career, fostering creativity and innovation.

Financial Awareness: Gain a solid understanding of financial concepts within a business context, helping you make informed decisions.

Resource Management: Explore how organizations manage their resources efficiently to boost performance and achieve their goals.

External Influences: Understand how external factors, such as economic conditions and regulations, impact businesses and their operations

Key Skills:

Decision making, entrepreneurial skills, understanding and evaluating data

Assessment Overview:

At N4 pupils will complete 2 theory assessments covering knowledge from across the course. There will also be a report pupils complete into a small business and make a proposal.

Assessment at N5 is in two key parts – an assignment allowing learners to research a real-world business and gather data. They will make recommendations based on their business knowledge and present this in a written report.

The question paper is in two parts,

- Section 1 is two case studies of businesses and questions about them.
- Section 2 assesses knowledge and understanding from across the course.

Learning Pathways:

Progress to:

- Higher and Advanced Higher Business Management
- L5/6 NPA Business with IT

Career Pathways:

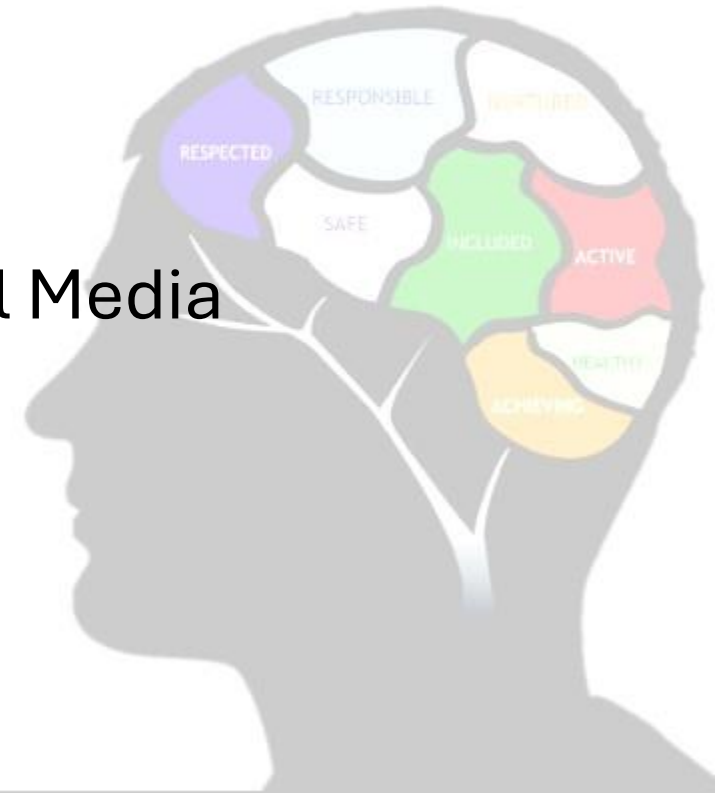
Business management provides skills and knowledge that are applicable in EVERY career.

Marketing, Finance, HR, Operations, self-employment, retail, non-profit, events

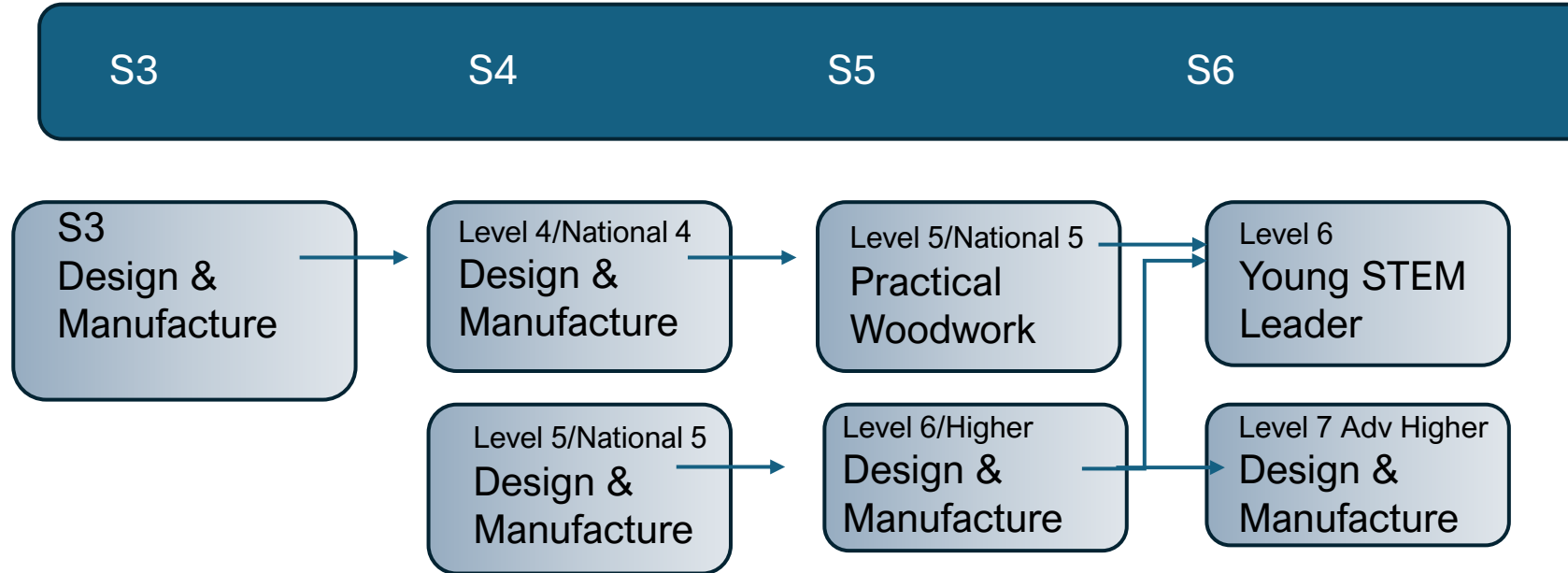


Curricular Area - Technology

- Design & Manufacture
- Engineering Science
- Admin & IT
- NPA Computer Games Development & NPA Digital Media
- Practical Cookery
- Fashion & Textile Technology



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Design & Manufacture National 4/5 (Level 4/5)

Course Content:

The Design and Manufacture course provides a broad and practical experience in product design and manufacturing. It combines creativity with technology, making it an exciting and dynamic subject. Pupils will engage in activities that cover the entire design process, from initial concept to final product. This includes:

- **Research and Analysis:** Understanding user needs and market demands.
- **Idea Generation:** Developing creative solutions to design problems.
- **Design Development:** Refining ideas through sketches, models, and prototypes.
- **Manufacturing:** Using tools and materials to create a final product.
- **Evaluation:** Assessing the effectiveness and quality of the design

Learning and Career Pathways:

- **Further Education:** Pupils can progress to National 5, Higher, and Advanced Higher courses in Design and Manufacture. Practical Woodwork N5 is offered in S5/6 as is Young STEM Leader Level 6
- **Higher Education:** Opportunities to study product design, engineering, architecture, and related fields at university.
- **Careers:** Potential career paths include product design, industrial design, engineering, manufacturing, and architecture
- **Apprenticeships:** There are many foundation and Modern Apprenticeships that would be a suitable progression from N4/5 D&M



Key Skills:

- **Creative Thinking:** Generating innovative ideas and solutions.
- **Technical Skills:** Using tools, machinery, and software for design and manufacturing.
- **Problem-Solving:** Addressing design challenges and finding effective solutions.
- **Project Management:** Planning and managing time and resources effectively.
- **Communication:** Presenting ideas clearly through drawings, models, and presentations

Assessment Overview:

National 4:

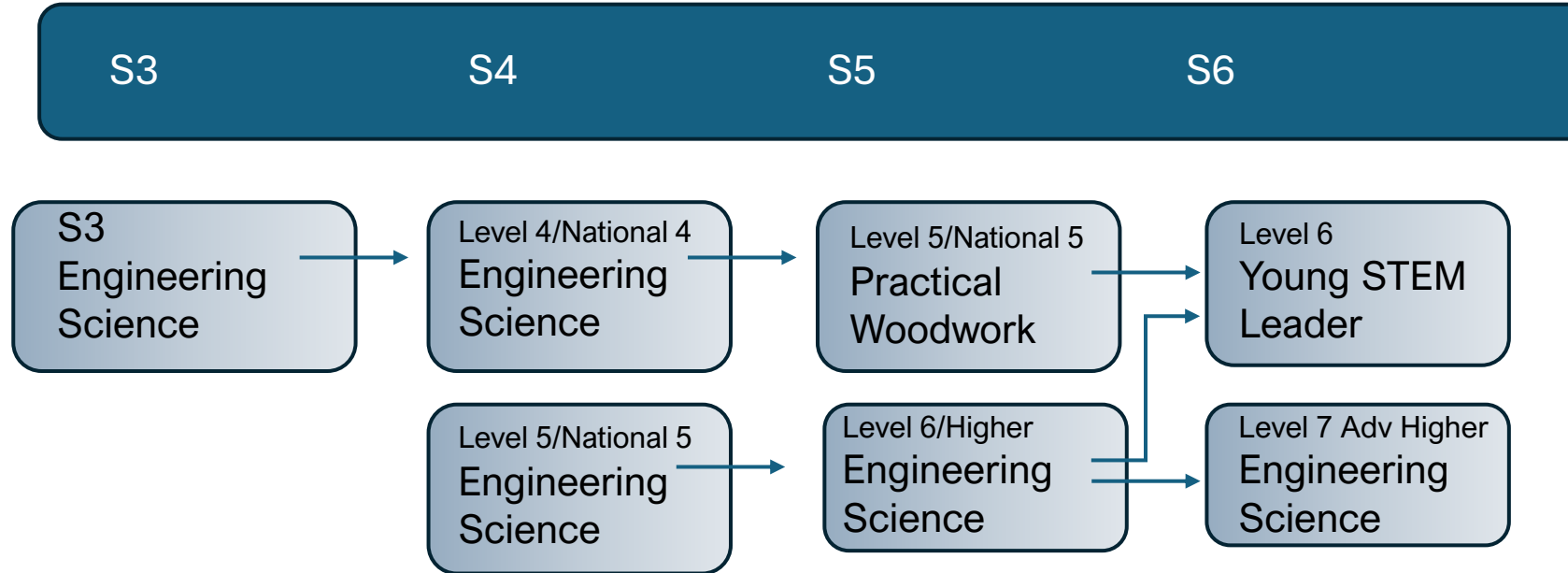
Unit Assessments: Pupils must pass all unit assessments, which include a **Design Unit:** Developing design ideas and solutions; and a **Materials and Manufacturing Unit:** Understanding and applying manufacturing processes.

Added Value Unit: Pupils complete an assignment where they design and manufacture a solution to a given problem.

National 5:

Coursework: Pupils will complete a design project that demonstrates their ability to apply the design process from concept to final product. **Assignment Design**, 55 marks. **Assignment Practical**, 45 Marks.

Written Exam: This assesses understanding of design principles, materials, and manufacturing processes. **Question paper** 80 marks



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Engineering Science National 4/5 (Level 4/5)

Course Content

The Engineering Science course provides a comprehensive understanding of engineering principles and their applications. It covers a range of topics that are essential for anyone interested in pursuing a career in engineering. Pupils will engage in activities that develop their knowledge and skills in:

- **Engineering Contexts and Challenges:** Understanding the role of engineering in society and exploring various engineering disciplines.
- **Electronics and Control:** Learning about electronic systems, components, and control systems.
- **Mechanisms and Structures:** Studying mechanical systems, forces, and structural principles.
- **Pneumatics and Hydraulics:** Exploring fluid power systems and their applications

National 5:

Coursework (60 marks): Pupils will complete assignments that demonstrate their understanding and application of engineering principles.

Written Exam (90 marks): This assesses knowledge of engineering concepts, systems, and problem-solving skills.

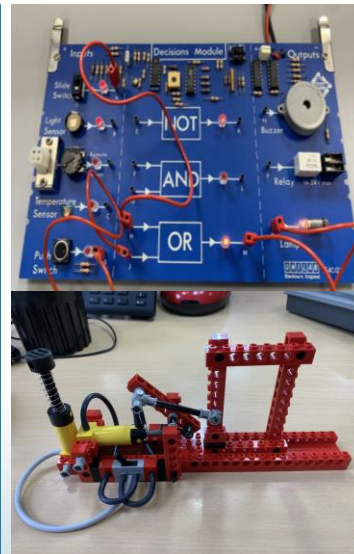
National 4: Pupils must pass all unit assessments, which include:

- **Engineering Contexts and Challenges Unit:** Understanding the impact of engineering on society.
- **Electronics and Control Unit:** Applying knowledge of electronic systems.
- **Mechanisms and Structures Unit:** Understanding mechanical systems and structures.
- **Added Value Unit:** Pupils complete a practical assignment that involves designing, building, and testing an engineering solution

Key Skills

Students will develop a range of valuable skills, including:

- **Analytical Thinking:** Solving complex engineering problems.
- **Technical Skills:** Using tools, equipment, and software relevant to engineering.
- **Practical Skills:** Building and testing models and prototypes.
- **Project Management:** Planning and executing engineering projects.
- **Communication:** Presenting technical information clearly and effectively



Learning and Career Pathways:

Further Education: Pupils can progress to National 5, Higher, and Advanced Higher courses in Engineering Science.

Higher Education: Opportunities to study engineering disciplines such as mechanical, electrical, civil, and aerospace engineering at university.

Careers: Potential career paths include engineering, manufacturing, robotics, renewable energy, and technology sectors

Apprenticeships: There are many foundation and Modern Apprenticeships that would be a suitable progression from N4/5 Engineering Science

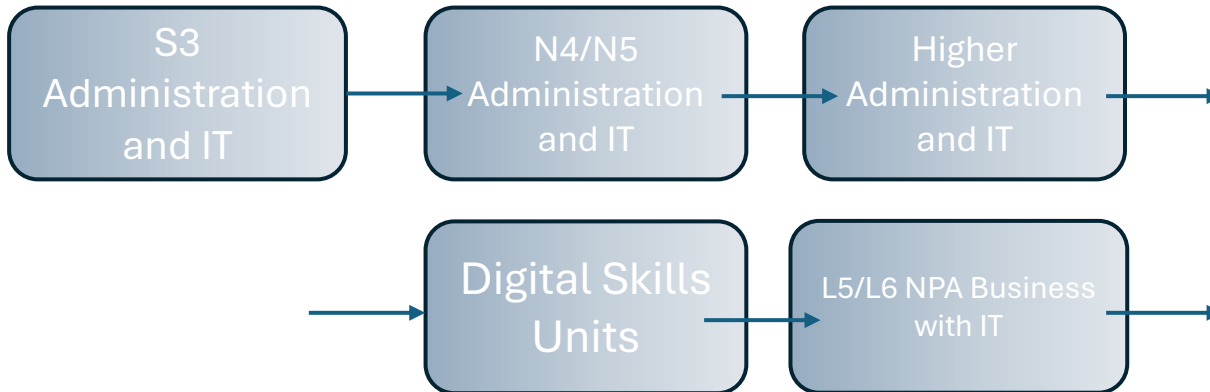
Technical Subjects Sway – click on the link below



- [S2 Video Course Planning: Technical Options](#)



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Administration and IT (N4 and N5)

Course Content:

Spreadsheets, Databases, Word-Processing: Develop proficiency in managing data, creating documents, and organizing information.

Desktop Publishing & Presentations: Learn to design professional publications and deliver impactful presentations.

Electronic Communication: Master the use of email, social media, and other digital tools for effective communication.

Online Research: Acquire skills to efficiently find and utilize information on the internet.

Organising & Supporting Events: Gain practical experience in planning and supporting events, ensuring they run smoothly.

Administrative Problem-Solving: Enhance your ability to tackle administrative challenges with innovative solutions.

Admin Support Theory: Understand the key tasks and knowledge required to support administrative functions within an organization.

Key Skills:

ICT Proficiency, Digital Communication, Organisation, planning, problem solving

Assessment Overview:

Pupils will undertake practical and theory assessments throughout S3 and S4.

N4 and N5 pupils will undertake integrated practical assessments, on computers, to complete tasks for a particular context.

At N5 the assessment is split between a practical assignment completed in February and a practical exam sat in May.

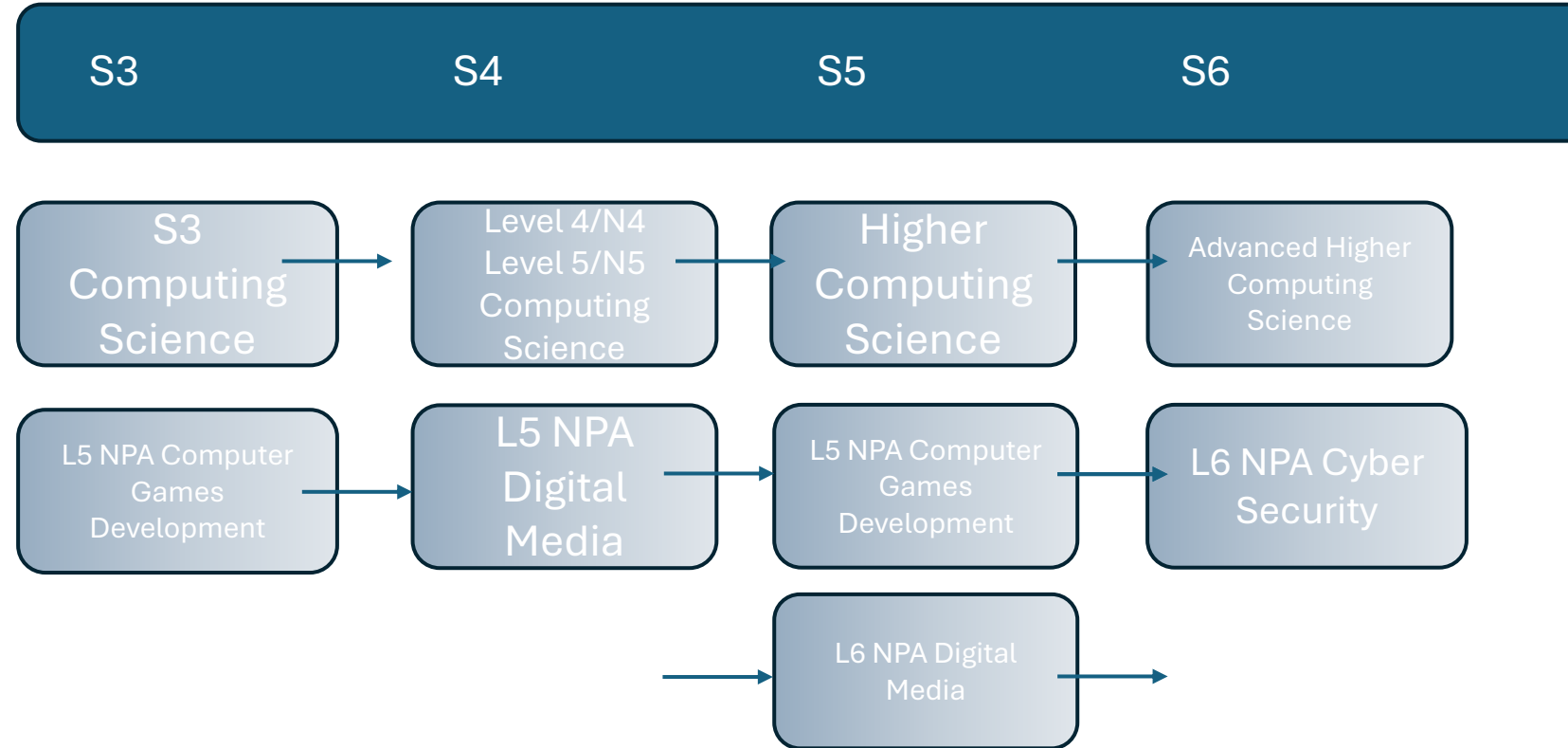
Learning Pathways:

Learners can progress to Higher Administration and IT, L5/6 Business with IT NPA

ICT skills support learning and work in almost every career

Career Pathways:

Admin assistant, office manager, HR, Project Manager, Law, Events management, Customer Service



Computing Science (N4 and N5)

Course Content:

Software Design and Development

Hands-On Programming: Pupils engage in practical tasks using various software development environments, enhancing their programming and computational-thinking skills.

Problem-Solving: They learn to analyse problems, design, implement, test, and evaluate solutions, tackling complex features in both familiar and new contexts.

Computer Systems

Binary and Architecture: Pupils explore how data and instructions are stored in binary form and understand basic computer architecture.

Environmental Awareness: They gain insights into the environmental impact of computing systems and learn about security measures to protect these systems.

Web Design and Development

Creative Web Projects: Pupils engage in practical tasks to design and develop websites using HTML, CSS, and JavaScript.

Innovative Problem-Solving: They learn to analyse, design, implement, test, and evaluate web-based solutions, working on complex features in various contexts.

Key Skills:

Learn to write code, Solve problems logically, Think algorithmically, Analyse problems, Design solutions, Evaluate effectiveness of solutions, Gain hands-on experience with software development environments, Work with databases, Use web development tools

Assessment Overview:

Assessment at N4 and N5 covers practical skills and theory knowledge.

Learners will complete practical tasks in Software Development & Web Development. These will be in a context and learners will use their skills to create solutions to the problems.

Theory knowledge will also be assessed, at N5 there will be a question paper covering all course content.



Learning Pathways:

Higher and Advanced Higher Computing Science

NPA Cyber Security, NPA Computer Games Development

Career Pathways:

Software Developer, Data Scientist, Cybersecurity analyst, Web Developer.

Other fields of study are also reliant on computing science skills – Physics, Maths, Economics, Engineering, Design and creative careers, Design.

Creative Technologies: Computer Games Development (S3)

Course Content:

The course is focussed on the context of learners developing a computer game using programming skills.

The 3 main areas of study are:

Game Design: Discover what makes a game truly captivating! You'll delve into designing characters, crafting immersive environments, and perfecting game mechanics to ensure your game is both fun and engaging.

Media Assets: Learn to identify and utilize the essential elements that bring your game to life. From stunning images and animations to captivating sounds, music, and text, you'll master the art of making your game visually and audibly appealing.

Development: Put your coding skills to the test by creating a fully functional, playable game. You'll write the code, test it, and evaluate its performance to ensure it's ready for players to enjoy.

Key Skills:

Coding, problem solving, testing, planning, organisation

Assessment Overview:

There is no final exam for this subject. Instead, assessment is done throughout the year as part of a project to design and develop a working computer game.

Some tasks are theory based and may require research into existing games and some are practical

Learning Pathways:

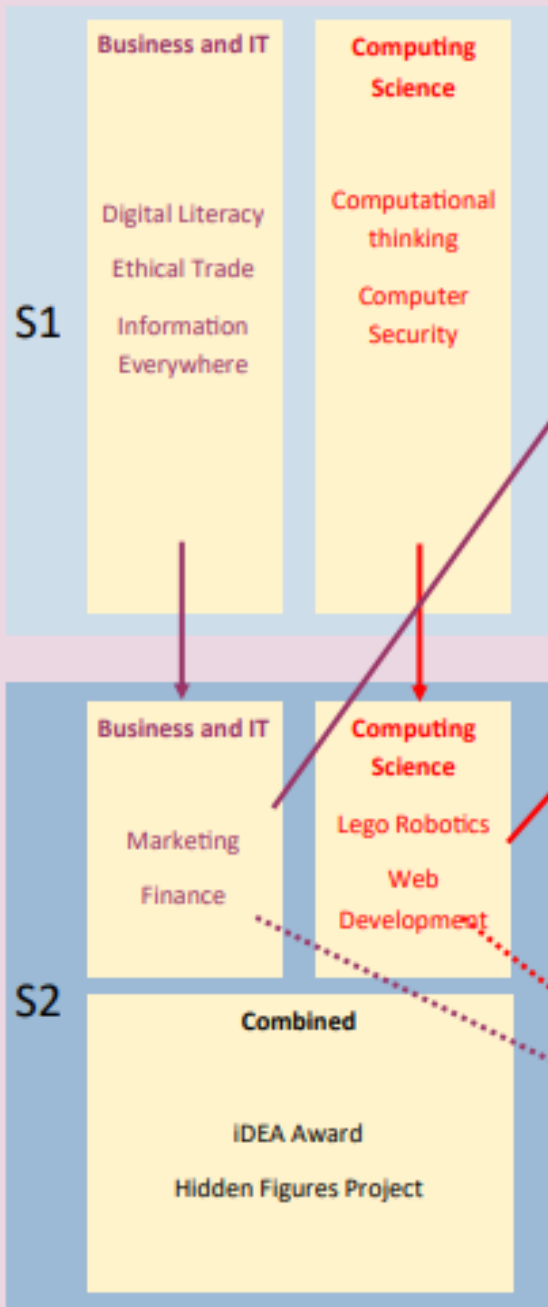
L6 Computer Games Development

Computing Science, Digital Media

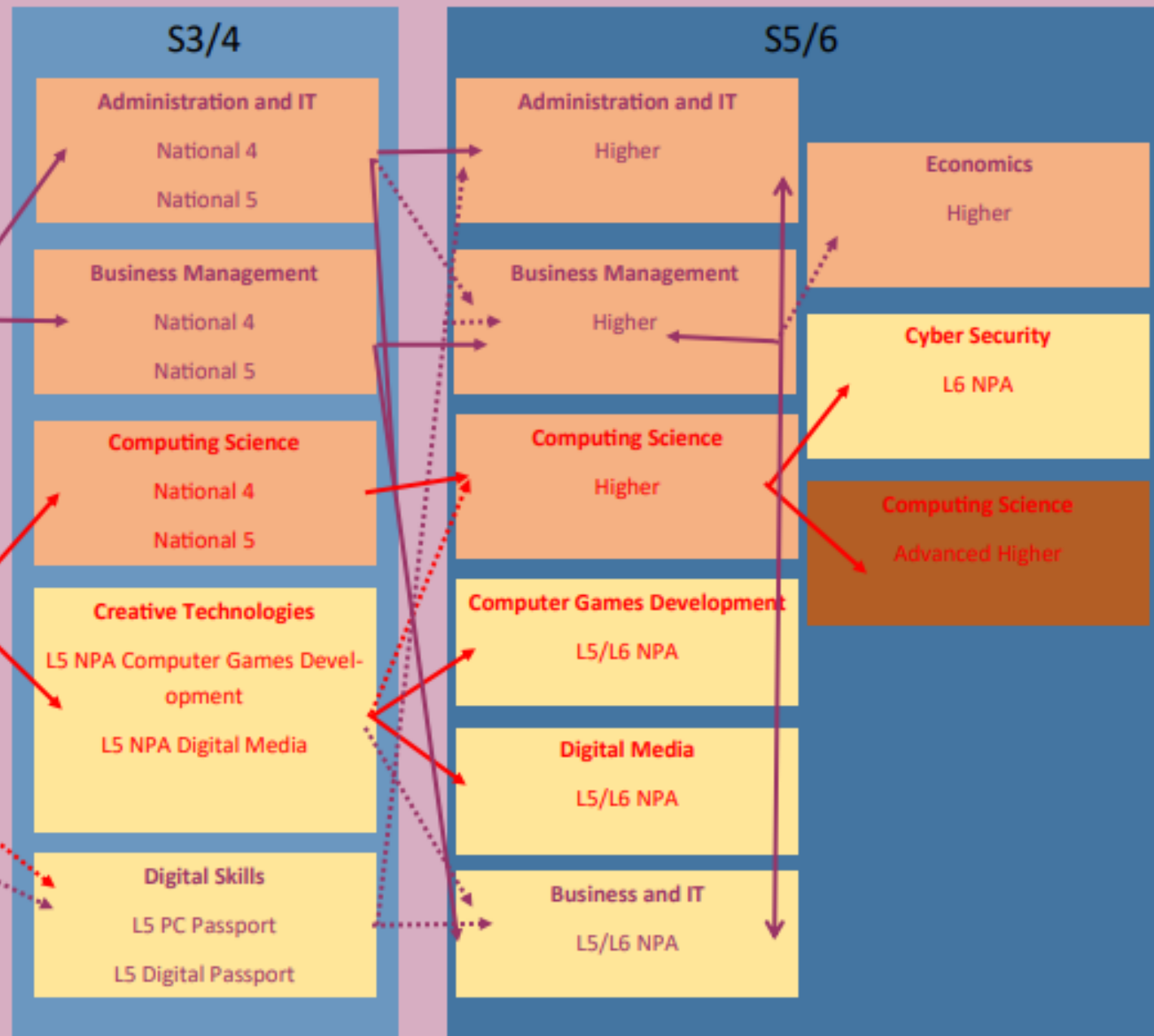
Career Pathways:

Game Designer, Game Developer, Animator, User Experience (UX) Designer, Software Developer, Graphic Designer, Technical Writer, Marketing Manage

BGE—Foundations



Senior Phase—Breadth and Depth



Business & Computing Sway – click on the link below



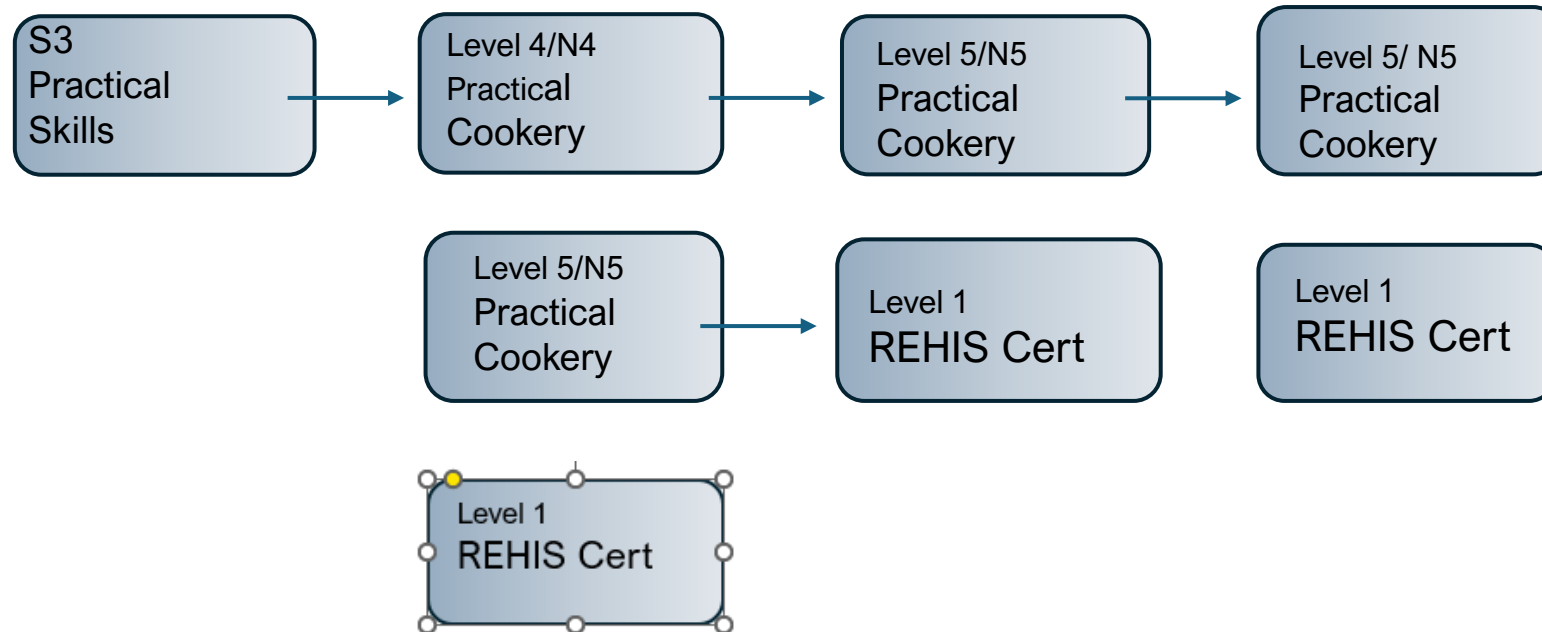
- [Business & Computing Choices](#)



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Hyndland Secondary School

Practical Cookery



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Practical Cookery (N4 & N5)

Course Content:

Practical cookery, is the study of many aspects of working in the practical food industry. It is a life skill for the future. Learners will be able to problem solve, multi - task and demonstrate knowledge of Current Dietary Advice, plan 3 course meals for 4 persons before manufacture in 2 ½ hours.

N4 & N5 learners will study three units: Cookery Skills Techniques and Processes : Understanding and Using Ingredients : Organisational Skills for Cookery as well as costing

Key Skills:

- Practical Food Skills
- Numeracy
- Problem Solving



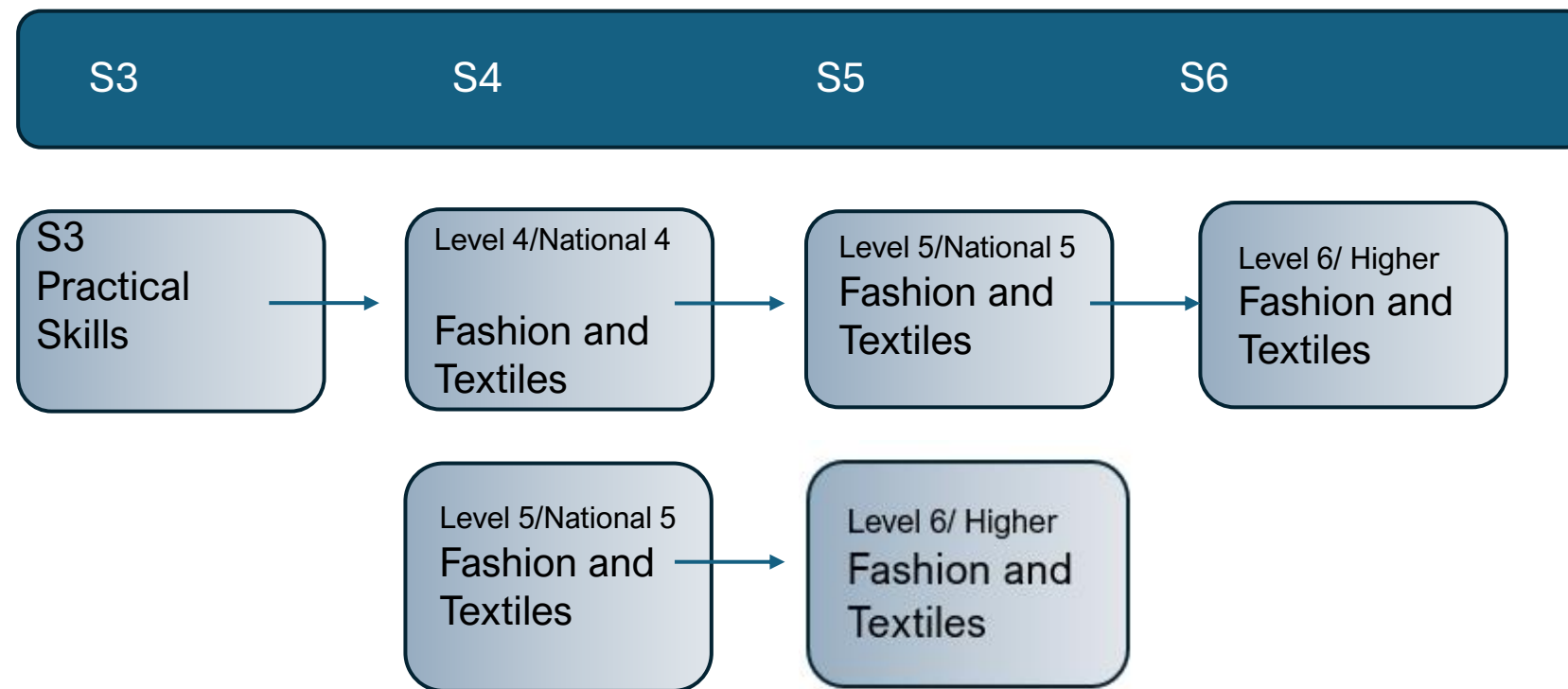
Assessment Overview:

- N4 learners will undertake in-class assessments of 4 x 2 course meal planning and manufacture throughout S3 & S4 as well as knowledge of bacteria, storage, modern food issues and current dietary advice.
- N5 learners will complete in-class assessments 4 x 2 course and 2 x 3 course meal planning and manufacture throughout S4 as well as an externally assessed SQA exam time planning exercise worth 20 marks, exam paper worth 30 marks and practical assessment worth 70 marks at the end of S4. Theory as above with more in-depth knowledge and costing of recipes.
- All learners will undertake regular formative & summative assessments including an S3 exam and S4 prelim.

Learning and Career Pathways:

- Learners passing N5 can progress to college or the world of work.
- Some learners may choose to undertake a Foundation Apprenticeship in Hospitality
- During the course we offer the REHIS programme of study and certification, always handy for Saturday and holiday jobs in hospitality etc
- Skill for life





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Fashion and Textiles (N4 & N5)



Course Content:

Fashion and Textiles, is the study of where textiles come from, how they are made and ultimately produced into garments etc. many aspects of working with textiles encourages reduction in fast fashion. It is a life skill for the future as well looking at the needs of the individual groups, problem solving research into technologies and how to read and follow a commercial paper pattern.

The practical element is designed towards the technology of good practice for precision and accuracy more than creativity. Eg insertion of a zip, disposing of fullness etc

N4 & N5 learners will study three units: Fashion Choices, Item Development and Textiles Technology as well as a folio of skill practice.

Key Skills:

- Practical Fabric Skills
- Research
- Problem Solving

Assessment Overview:

- N4 learners will undertake in-class assessments of 4 textiles items manufactured throughout S3 & S4 as well knowledge of processes. Related research assignment and knowledge is covered through - out the 3 units .
- N5 learners will complete in- class assessments of 4 textile items manufactured through- out S3 & 4. Research a SQA design brief, plan and manufacture a final garment using a commercial paper pattern independently demonstrating skills worth 45 marks. SQA exam paper worth 30 marks, research project work 50 marks
- All learners will undertake regular formative & summative assessments including an S3 exam and S4 prelim.

Learning and Career Pathways:

- Learners passing N5 can progress to Higher. Then to college or university. Many areas of fashion design, pattern drafting, conservation of textiles are studied in many institutions.
- Some learners may choose to undertake a Foundation Apprenticeship in Costume Design
- Skill for life



Health Food and Textiles Sway – click on the link below



- [Health, Food and Fashion](#)



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Additional Choices Column



In the additional choice's column, you can choose **any** one of the previous subjects.



The additional choices also include Media, which is delivered by the English Department



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Media (N4 & N5)

Course Content:

Media is the study of how Media content is created and how external factors have influence on the created content.

Students will study a range of film, TV and advertisements and analyse how they have been structured and how they elicit meaning.

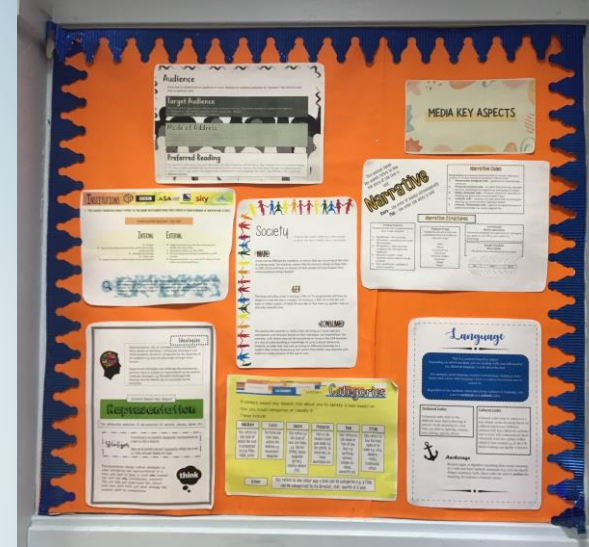
Students will be offered the opportunity to create their own media content, making a range of short films.

Key Skills:

- | | | |
|------------------|-------------|-------------|
| -Analysis | -Evaluation | -Presenting |
| -Problem Solving | -Teamwork | |
| -Creativity | -Listening | |

Assessment Overview:

- N4 learners will undertake in-class assessments throughout S3 & S4.
- N5 learners will complete a filmmaking project Assignment and sit an externally assessed SQA exam.
- All learners will undertake regular formative & summative assessments including an S3 exam and S4 prelim.



Learning and Career Pathways:

N5 Media learners can progress to Higher Media. Skills gained in N5 Media also provide a great foundation for Higher Photography.

Media can open doors to career pathways in a range of Creative Industry jobs. The Creative Industries are one of the fastest growing sectors in Scotland at the moment and many companies and production studios offer apprenticeships and internships in a variety of positions.

Learners can also follow an academic pathway and engage with Film and TV courses at University or College.

Media Sway – click on the link below



- <https://sway.cloud.microsoft/Jhwnrz2WE1HWDkEK?ref=Link>



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