

Tynecastle High School



S4

Learner Review Information Booklet

January/February 2021

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Course Description

The S4 English course will develop the skills relevant for progression to the National 4/5 course and beyond. Students will read a wide variety of different genres, produce a range of writing across the genres, take part in group discussion as well as individual talk and focus on skills for Reading for Understanding, Analysis and Evaluation (RUAE).

Assessment

In English students are assessed in the strands of Reading, Writing, Listening and Talking. Students will often be assessed on their written or oral responses to texts or topics they have studied, as well as their ability to produce writing in a range of genres. RUAE skills will be an assessment focus in December and March.

Home Study Expectations

Students are expected to devote an increasing amount of time to home study in S4, and home study may be issued weekly or fortnightly depending on the demands of the task. Tasks will often include working on extended pieces of writing, preparing for talk assessment or practising RUAE skills.

Possible next level of study in S5-6

National 4, National 5, Higher, Advanced Higher

Wider Achievement Opportunities

Students have many opportunities to explore and develop their skills in English through theatre trips, creative writing competitions, review writing, debating and many other activities.

Possible career paths

Good English skills will be an asset in any future career.

Course Description

The S4 Media course will develop the skills relevant for progression to the National 5 course. Students will have the opportunity to study film, television, advertising and print media. Through the analysis and creation of media content, learners are encouraged to think critically about the role of the media in their everyday lives and develop an appreciation and understanding of both the media industry and within the world around them. Media does require a reasonable level of literacy and analytical skill, so students who have performed well in English will do well in this area.

Assessment

Students studying Media will be assessed on their ability to develop their knowledge and understanding of media contexts, roles and key aspects of media literacy. Students will also be assessed on their ability to create media content.

Home Study Expectations

Media students will be expected to devote an increasing amount of time to home study to prepare for class activities as well as assessments. Students will need to be organised and have the ability to work independently.

Possible next level of study in S5-6

N5 Media, Higher Media

Wider Achievement Opportunities

Students will have many opportunities to explore and develop their skills in Media through cinema trips, workshops and creation of media content.

Possible career paths

Anyone considering a career in the media including film, video, and television industries, journalism and publishing should be interested in this course. In addition, a good awareness of the media is a vital tool for understanding the world around us and critical thinking in general.

Course Description

All courses within the faculty include relevant links to areas such as Health and Wellbeing (Data Analysis), Financial Education (Money), Literacy (Maths Past, Present and Future) and International Education (Number and Number Processes). Our courses are designed to build upon and extend students' Mathematics in a way that recognises problem solving as an essential skill and enables them to integrate their knowledge of different aspects of the subject.

CfE Third Level

- This course introduces and develops several key topics such as Percentages, Fractions, Ratio, Integers, Algebra and Data Handling.

CfE Fourth Level

- This course introduces and develops several key topics such as Trigonometry, Pythagoras, Algebra and Data Handling.
- For success at this level, it is essential that students are equipped with mathematical instruments and a scientific calculator. We recommend the "SHARP EL-W531" which is available to buy in school for £6.

Assessment**CfE Third Level**

- Students can expect to sit a short internal assessment every two months. Students will be required to perform well in these assessments in order to progress towards SQA National 4 Mathematics.

CfE Fourth Level

- In addition to ongoing internal assessment, students in Sets 1 and 2 will sit a summative assessment. This will consist of a Calculator and Non-Calculator paper. A pass in this assessment is essential in order for students to gain entry to the National 5 Mathematics course. Students who are not successful in this examination will work towards the SQA National 4 Mathematics qualification.

Home Study Expectations

Students will be issued with formal homework exercises each week/fortnight. These will be issued in the form of a worksheet or students may be directed to Edmodo or Office365 to access and complete homework tasks online. If needed, students are encouraged to seek help from their class teacher before the homework due date. The department offer study sessions at lunchtime and afterschool Monday – Thursday.

Possible next level of study in S5-6

Students have the opportunity to work through a full range of courses within the Mathematics faculty at National 4, National 5, Higher, and Advanced Higher levels.

Wider Achievement Opportunities

Students will be given the opportunity to take part in local and national Maths Challenges. Furthermore through celebration of famous Mathematicians (such as Ada Lovelace, Isaac Newton and Alan Turing) and important dates (World Number Day, Pi Day, Prime Number day etc) students will gain an understanding of the global aspect of Mathematics and its impact on the world around us.

Possible career paths

Higher Mathematics is essential for many students considering certain STEAM courses (Science, Technology, Engineering, Arts and Mathematics) at University and College. National 5 Mathematics will serve as a good basis for students embarking on Higher Education in a non-mathematical field and National 4 Mathematics will help develop numeracy and problem solving skills that will be useful in the workplace and within Further Education.



Course Description

This course allows students to further develop their French language skills through more in-depth exploration of topics such as sporting and leisure activities, home area and the environment and family relationships. Tasks will ensure students are sufficiently challenged at their respective levels and there will be a range of active and cooperative learning tasks. ICT will once again be used extensively to provide an engaging and interactive learning experience.

Between Christmas and February, students will complete a Spanish unit, which focuses on education and the world of work.

This course covers experiences and outcomes at both Level 3 and Level 4 in the skills of listening and talking, reading and writing.

Assessment

There will be ongoing formative assessment completed over the course of the year. In December students will be assessed in reading and listening during the examination period. Talking and writing will be assessed throughout the year.

Home Study Expectations

Weekly home study will be issued and this will be skills tasks (reading, listening or writing) based on the work covered in class. Students will also be expected to spend time consolidating new vocabulary and preparing at home for speaking and writing assessments.

Possible next level of study in S5-6

National 4 & 5 French, with the possibility of moving on to Higher in S5 or S6.
National 4 & 5 Spanish, with the possibility of moving on to Higher in S5 or S6.

Wider Achievement Opportunities

Students also have the opportunity to learn about John Muir and will work towards achieving their John Muir Award, which will be explored in Social Subjects, Science and Modern Languages.

They will also have the opportunity to chat with some former students who have spent time studying abroad. This will include consideration of the benefits that this can bring them in terms of career development regardless of their chosen path.

Possible career path

Speaking another language is qualification that is much sought after by further education establishments and employers. Some possible career paths include travel and tourism, journalism, working with international organisations, marketing, law studies and of course, teaching and interpreting.

Course Description



The Modern Languages for Life and Work Award provides learners with the opportunity to develop language skills in combination with employability skills while also being able to follow their own interests in a cultural context. Learners will develop language skills in French, Spanish and Mandarin that they can apply in life and work, developing their roles as active citizens. Learners will gain a greater understanding of their own and other cultures by comparing aspects of life in different countries and will play a fuller part as global citizens.

Tasks will ensure students are sufficiently challenged at their respective levels and there will be a range of active and cooperative learning tasks. ICT will once again be used extensively to provide an engaging and interactive learning experience.

Assessment

There will be ongoing formative assessment completed over the course of the year. Students will be expected to complete a talking assessment and a listening assessment at SQA Level 3. Writing and reading will be assessed informally throughout the course.

Home Study Expectations

Weekly home study will be issued, and this will be skills tasks (reading, listening or writing) based on the work covered in class. Students will also be expected to spend time consolidating new vocabulary and preparing at home for speaking and writing assessments.

Possible next level of study in S5-6

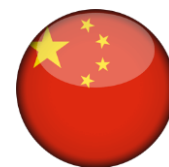
Level 4 Languages for Life and Work in French, Spanish and Mandarin. This can lead on to a National 3, 4 or 5 language qualification.

Wider Achievement Opportunities

Students will have the opportunity to participate in language and cultural events throughout their course.

Possible career paths

Speaking another language is a qualification that is much sought after by further education establishments, and employers. Some possible career paths include travel and tourism, journalism, working with international organisations, marketing, law studies, of course, teaching, and interpreting.



Course Description

This course follows on from the earlier experience in Mandarin and begins to explore the language in more depth. Students will expand their vocabulary and language knowledge in the topics of self, home area, hobbies, school and food and drink. Tasks will ensure students are sufficiently challenged at their respective levels and there will be a range of active and cooperative learning tasks. ICT will once again be used extensively to provide an engaging and interactive learning experience.

This course covers experiences and outcomes at both Level 3 and Level 4 in the skills of listening and talking, reading and writing.

Students will be expected to dedicate some of their own time after school to enhance their Mandarin learning.

Assessment

There will be ongoing formative assessment completed over the course of the year. In December, students will be assessed in reading and listening during the examination period. Talking and writing will be assessed throughout the year.

Home Study Expectations

Weekly home study will be issued and this will be skills tasks (reading, listening or writing) based on the work covered in class. Students will also be expected to spend time consolidating new vocabulary and preparing at home for speaking and writing assessments.

Possible next level of study in S5-6

National 4 & 5 Mandarin, with the possibility of moving on to Higher in S5 or S6.

Wider Achievement Opportunities

Students will have the opportunity to participate in Mandarin language and cultural events organised through the SWIRE project.

Possible career paths

Speaking another language is a qualification that is much sought after by further education establishments, and employers. Some possible career paths include travel and tourism, journalism, working with international organisations, marketing, law studies, of course, teaching, and interpreting.



Course Description

This Spanish course is suitable for students who have shown an interest in studying a second foreign language from scratch. This allows the skills they continue to develop with their French course, help them in learning Spanish.

Students will begin their Spanish studies by covering basic beginners' vocabulary leading on to more in-depth topics including family, descriptions, food and drink, healthy living, school and the wider world. Tasks will ensure students are sufficiently challenged at their respective levels and there will be a range of active and cooperative learning tasks. ICT will once again be used extensively to provide an engaging and interactive learning experience.

This course covers experiences and outcomes at both Level 3 and Level 4 in the skills of listening and talking, reading and writing.

Assessment

There will be ongoing formative assessment completed over the course of the year. In December, students will be assessed in reading and listening during the examination period. Talking and writing will be assessed throughout the year.

Home Study Expectations

Weekly home study will be issued and this will be skills tasks (reading, listening or writing) based on the work covered in class. Students will also be expected to spend time consolidating new vocabulary and preparing at home for speaking and writing assessments.

Possible next level of study in S5-6

National 4 & 5 Spanish, with the possibility of moving on to Higher in S5 or S6.
National 4 & 5 French, with the possibility of moving on to Higher in S5 or S6.

Wider Achievement Opportunities

Students will have the opportunity to celebrate the European Day of Languages as well as participating in cultural trips, such as a visit to the cinema to watch a Spanish film. They will also have the opportunity to chat with some former students who have spent time studying aboard.

Possible career paths

Speaking another language is qualification that is much sought after by further education establishments and employers. Some possible career paths include travel and tourism, journalism, working with international organisations, marketing, law studies and of course, teaching and interpreting.

Course Description



Fragile Earth CfE Level 3 and 4

- How do humans obtain food, energy, raw materials and water?
- What conflicts does this have for the environment?
- How can science help to resolve any environmental issues it causes?

Life on Earth National 4 with the opportunity to experience some National 5 level work

- How are plants distributed over the globe and what effect do humans have on them?
- How is energy captured by plants and how does energy flow through an ecosystem?
- How are animals and plants adapted for different environments?

Assessment

There are a variety of assessments to allow students to demonstrate their knowledge ranging from making an “Organism from another Planet” model, writing a scientific report, contributing to a debate, writing front pages of a newspaper, making posters as well as more formal “tests”

Home Study Expectations

This can range from research to more extended pieces of work. Usually formal home study is issued every 2 weeks.

Possible next level of study in S5-6

Students will be able to progress in 3 ways:

National 4 or 5 in Biology leading to Higher Human Biology and then Advanced Higher Biology

Or:

National 3 or 4 in Environmental Science leading to N5 Environmental Science in S5 and then Higher Environmental Science in S6.

Or:

National 5 Skills for Work: Laboratory Science

Wider Achievement Opportunities

Learning will be consolidated by research projects, experiments, dissections, visiting lectures and trips.

Possible career paths

There are lots of career options including sport and exercise careers, research in laboratories or the natural environment, health care, food related careers, **environmental management and conservation, education, biotechnology, forensic science**, Science advisors **for politics and policy makers, consultants on economic impact of biological issues, Science writing and communication, art:** illustrations in Biology textbooks, magazines and many more.

For more information see: <https://www.rsb.org.uk/careers-and-cpd/careers>

Course Description

Fragile Earth CfE Level 3 and 4

- How do humans obtain food, energy, raw materials and water?
- What conflicts does this have for the environment?
- How can science help to resolve any environmental issues it causes?



Nature's Chemistry National 4 with the opportunity to experience some National 5 level work

- What are fuels and what impact does their use have on the environment?
- What are the 5 hydrocarbon families: how are they similar and how are they different?
- The chemistry of everyday consumer products that come from plants, e.g. medicines, food, drink, dyes

Rates of Reactions National 4 with the opportunity to experience some National 5 level work

- What makes some chemical reactions quicker than others?
- How can we measure the rate of chemical reactions?

Atoms, Elements and Bonding National 4 with the opportunity to experience some National 5 level work

- Atoms and ions: how are they similar and how are they different?
- How do atoms join together to form compounds?

Assessment

There are a variety of assessments to allow students to demonstrate their knowledge ranging from making a "Planet to sustain life" model, writing a scientific report, contributing to a debate, writing front pages of a newspaper, making posters as well as more formal "tests"

Home Study Expectations

This can range from research to more extended pieces of work. Usually formal home study is issued every 2 weeks.

Possible next level of study in S5-6

Students will be able to progress in 3 ways:

National 4 or 5 in Chemistry leading to Higher Chemistry and then Advanced Higher Chemistry

Or:

National 3 or 4 in Environmental Science leading to N5 Environmental Science in S5 and then Higher Environmental Science in S6.

Or:

National 5 Skills for Work: Laboratory Science

Wider Achievement Opportunities

Learning will be consolidated by research projects, experiments, investigations, visiting lectures and trips.

Possible career paths

There are lots of career options both in and out of the laboratory e.g. discovering new medicines, protecting the environment, inventing new products, using forensic analysis to solve crime, Science advisors **for politics and policy makers, consultants on** economic impact of chemical issues, **Science writing and communication, art:** illustrations in Chemistry textbooks, magazines and many more.

For more information see: <http://www.rsc.org/careers/future/career-options>

Course Description



Fragile Earth CfE Level 3 and 4

- How do humans obtain food, energy, raw materials and water?
- What conflicts does this have for the environment?
- How can science help to resolve any environmental issues it causes?

Living Environment National 3 with the opportunity to experience some National 4 level work

- What factors affect where organisms live?
- Why are plants so important?
- Potential impact of chemicals used to improve the world's food production.

Earth's Resources National 3 with the opportunity to experience some National 4 level work

- Renewable energy sources and their use on Scotland, benefits and potential problems
- Minerals, rocks and soils.

Sustainability National 3 with the opportunity to experience some National 4 level work

- What is climate change: what causes it, what consequences are there and what actions can humans take to manage the impact?

Assessment

There are a variety of assessments to allow students to demonstrate their knowledge ranging from making a "Renewable power plants" model, writing a scientific report, contributing to a debate, writing front pages of a newspaper, making posters as well as more formal "tests"

Home Study Expectations

This can range from research to more extended pieces of work. Usually formal home study is issued every 2-3 weeks.

Possible next level of study in S5-6

Students will be able to progress in 3 ways:

National 4 in Environmental Science leading to N5 Environmental Science in S5 and then Higher Environmental Science in S6

Or:

National 4 in Biology or Chemistry or Physics in S4 leading to National 5 in Biology or Chemistry or Physics in S5

Or:

National 5 Skills for Work: Laboratory Science

Wider Achievement Opportunities

Learning will be consolidated by research projects, experiments, dissections, visiting lectures and trips.

Possible career paths

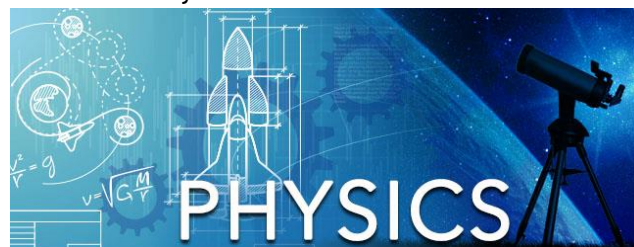
There are lots of career options including tackling issues such as global climate change, pollution, use of land and water resources and changes in wildlife habitats, e.g. ecologist, land surveyor, energy engineer, tree surgeon, waste plant manager.

For more information see: <https://nationalcareersservice.direct.gov.uk/job-profiles/environmental-sciences>

Course Description

Fragile Earth CfE Level 3 and 4

- How do humans obtain food, energy, raw materials and water?
- What conflicts does this have for the environment?
- How can science help to resolve any environmental issues it causes?



Waves and Radiation CfE Level 3, 4 with the opportunity to experience some National 5 level work

- How do we use light and waves as technology in our modern world?
- What are the sources, effects and risks of nuclear radiation?
- What are the medical applications of nuclear physics?

Assessment

There are a variety of assessments to allow students to demonstrate their knowledge ranging from making a “Fuels of the Future” model, writing a scientific report, contributing to a debate, writing front pages of a newspaper, making posters as well as more formal “tests”

Home Study Expectations

This can range from research to more extended pieces of work. Usually formal home study is issued every 2 weeks.

Possible next level of study in S5-6

Students will be able to progress in 3 ways:

National 4 or 5 in Physics leading to Higher Physics and then Advanced Higher Physics

Or:

National 3 or 4 in Environmental Science leading to N5 Environmental Science in S5 and then Higher Environmental Science in S6.

Or:

National 5 Skills for Work: Laboratory Science

Wider Achievement Opportunities

Learning will be consolidated by research projects, experiments, visiting lectures and trips.

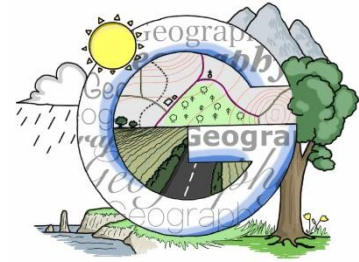
Possible career paths

There are lots of career options including many types of engineering careers e.g. aeronautical, electrical, civil or mechanical, research in laboratories or the natural environment, geologist, medical physicist, food related careers, **meteorology, and education**, Science advisors **for politics and policy makers, consultants on economic impact of chemical issues, Science writing and communication, art:** illustrations in Physics textbooks, magazines and many more.

For more information see <http://www.physics.org/careers.asp?contentid=381>

Course description

It has never been more important to understand the world we live in. As we face a climate crisis and changing global patterns, we will need young people to lead the way. Geography gives us a better understanding of how the world has been shaped through time and how people have adapted to live in different parts of the world. It gives us an insight into the many different traditions and cultures across the world and how humans can share this planet sustainably as global citizens. In S4 you will have many opportunities to explore some of the key issues that affect you as a global citizen today.



You will develop important attitudes, including: an open mind and respect for the values, beliefs and cultures of others; openness to new thinking and ideas; and a sense of responsibility and global citizenship.

There are 3 units:

Human: The study of farming, populations and cities.

Physical: Investigating the characteristics that naturally shape our world such as rivers, limestone and weather.

Global Issues: The biggest global health issues and pressures on the arctic and rainforests.

Assignment

Looking at the big issues of our world, you will conduct fieldwork and research about an issue, produce data about it and write up your conclusions.

Assessment

This will be continuous throughout the year with the creation of a portfolio of work.

Home Study Expectations

There will regular 'Mission Homework' home study issued that you will be asked to complete.

Possible next level of study in S5-6

Nat 4/5 Geography, Higher Geography, Advanced Higher Geography
Nat 4/5 Travel and Tourism

Wider Achievement Opportunities

Field work - No Geography course would be complete without some time spent outside! In this section of the course we will practice using some of the main enquiry skills such as questionnaires, road traffic surveys and Environmental Quality Index surveys using our local area.

Possible career paths

Geography is a very desirable qualification and sought after by colleges and universities due to the range of skills that it teaches. Some of the many possible careers paths include environmental management, leisure & recreation, town & country planning, surveying and travel & tourism.

Course Description

History is a fascinating subject that develops a variety of skills. History is all about people; it is about us and everything that has happened to us. Humans have done remarkable things – they have lived in caves, burnt people as witches, learned to fly through the air; they are the most clever and the most cruel creatures of the world.



S4 History builds on previous learning in key areas such as: literacy skills, investigation and skills of analysis. You will be given the opportunity to explore and evaluate different types of sources and evidence. You will also be given the opportunity to enhance your presentation skills, both orally and on paper.

You will gain breadth and depth in the knowledge and understanding of historical concepts through study of chosen contexts. It is also intended to develop skills of evaluating events and sources and of investigating issues.

You will study three topics:

- the Scottish Wars of Independence;
- Britain and the Atlantic Slave Trade;
- Hitler and Nazi Germany 1918-1939

You will also conduct an assignment – a research project which you will independently conduct and either create a project based piece of work (N4) or produce an extended piece of writing under exam conditions (N5)

Assessment

Learners will be assessed through a range of assignments: in class presentations and debate, extended writing, investigations, information displays, source handling exercises and formal end of unit tests.

Home Study Expectations

Homework will be issued regularly and will range from written assignments, research tasks, creative writing to reviewing course work. In S4 History homework will form part of continual assessment and students are encouraged to take a mature organised approach in this area.

Possible next level of study in S5-6

National 4 and 5, Higher, Advanced Higher.

Wider Achievement Opportunities

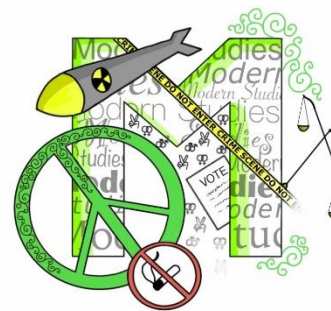
S4 students in the past have also had the chance to engage in learning outside of the classroom through theatre trips and museum visits. There is also the possibility of participation in future residential excursions to places such as the WWI Battlefields.

Possible career paths

Historian, journalism, writer, researcher, lawyer, archiving, librarian, Civil Service, politics, education, tourism and heritage, museum curator, art historian, charity work.

Course Description

You will develop knowledge and understanding of political, social and international issues and an understanding of how we can impact and influence the world in which we live.



You will study three topics:

- Democracy in Scotland
- Social Inequality in the UK
- The USA.

You will also conduct an assignment. This is an independent research project about a contemporary issue of your choice. This could be political, social or international issue.

Assessment

Due to the current nature of the subject and the idea that it changes as our world evolves there are a wide variety of ways students will be assessed including presentations, essays, elections and debates.

Home Study Expectations

Pupils will be set a variety of home learning tasks, such as research projects, practise questions or creating presentations using iPad apps. Students of Modern Studies are also expected to keep up to date with current affairs by reading, watching or listening to the news.

Possible next level of study in S5-6

National 4 and 5, Higher, Advanced Higher

Wider Achievement Opportunities

With the subject content being in the news so often there will be opportunities to have guest speakers come and share their expertise and chances to visit places like the Scottish Parliament at Holyrood.

Possible career paths

Students who study Modern Studies can go on to work in a whole variety of fields including Law, Police, Social Work, Journalism, Civil Service and Politics.

Course Description

Students will cover National 3 and 4 experiences and outcomes in preparation for National qualifications. The course is made up of three areas of study:

Business in Action

- Business start-ups and entrepreneurs
- Business development and growth
- Business functions including marketing and advertising



Influences on Business

- Stakeholders and pressure groups
- Globalisation
- Internal and external factors such as political, economic and social impacts on business



Business Investigation & Assignment

- Students will conduct a small-scale research investigation into a business of their choice, producing a report and presentation for the business owner.



Assessment

Assessment over the year will be done through various activities such as in writing (for example, multiple choice and exam type questions); demonstrated by students using their ICT skills; and by orally responding to question and answer session in class.

Home Study Expectations

Home study will be research based or written and given approximately once every 2 weeks to assess the student's progress, improve understanding of work completed in class, and to provide breadth and challenge.

Possible next level of study in S5-6

National 4 or National 5 in Business Management or
National 5 in Accounts
NPA PC Passport SCQF Level 5

Wider Achievement Opportunities

Opportunities to take part in business games in partnership with KPMG, visiting speakers, leadership opportunities and enterprise activities.

Possible Career Paths

Marketing, **insurance**, accounting, **law**, manufacturing, **advertising**, economics, **banking**, entrepreneurship, **hospitality management**.

Course Description

Young people embarking on careers in **all industries, and in further and higher education** require strong digital literacy skills. Administration & IT equips students with these essential skills.

Students will cover National 3 and 4 experiences and outcomes in preparation for National qualifications. The course is made up of different areas of study:

Admin Theory & Practice

- Skills & qualities required in administration
- File management and data security
- Legislation impacting on organisations
- Effective customer care

Practical Skills

- Word Processing
- Presentations
- Electronic communication
- Spreadsheets
- Databases

Assessment

Assessments will be mainly be project based practical tasks, some written assessments and also observations of students working.

Home Study Expectations

There will be limited home study in the course as it is very practical, and skills based. Home study will be issued on an ad hoc basis as necessary.

Possible next level of study in S5-6

National 4 or National 5 Admin and IT.
National 5 or Higher Admin and IT in S5/S6.
PC Passport SCQF Level 4, 5 or 6

Wider Achievement Opportunities

There will be opportunities to **visit workplaces and experience the world of work**. The course allows students to apply their knowledge, understanding and practical skills to **solve problems**.

Possible Career Paths

Banking, **accounting**, insurance, **travel and tourism**, office management, **clerical work**, human resources, **events management**, local government, **court administration**, housing administration.



Course Description

This course will give students the opportunity to learn about care and development of babies and young children both in a home and nursery setting. Students will also design and make play related items for children and practice some basic fashion and textile skills.

Students will learn

- An introduction to child care, pregnancy and birth
- How to care for babies and young children
- Parenting skills
- Introduction to Fashion and Textile Technology
- How to create a number of textile items
- Safe use of textile equipment



Possible next level of study in S5-6

- National 4, National 5, Higher in Fashion and Textile Technology
- National 4 and National 5 Skills for Work Early Education and Childcare

Assessment

Assessment is carried out in various ways - Peer and self-assessment of both written and practical work, group discussion and co-operative activities and presentation.

Home Study Expectations

Homework is linked to class lessons and is set approximately fortnightly. It is also expected that students will practice some of the practical skills at home.

Wider Achievement Opportunities

Students may have the opportunity to take home one of our interactive babies to give them a near to life experience of caring for a baby. This is optional but most students who have tried this in the past have found it to be a very fulfilling experience. There may be the opportunity to visit a nursery and/or interview a Health Visitor

Possible Career Paths



The main sectors that employ people to work with children include charity and voluntary work, healthcare, social care, teacher training and education sectors. However, jobs working with children are available in other, less obvious industries such as law, leisure, sport and tourism and public services and administration, where you could become a family lawyer, sports coach or children's librarian.

The Fashion Industry is the biggest employer of the Creative Industries with careers in many sectors including: Retail buyers, data analysts, merchandisers and personal stylists: Fashion designers and fashion illustrators: Textile designers: Garment technologists: Fashion Public Relations and Fashion writers.

Course Description

This course will continue to develop the knowledge, skills and abilities learned from the S1-S2 IT course, as well as study a broad range of new topics including:

Web Design and Development

Networking

Encryption and Compression

Data Representation

Algorithms and Processes

Coding in Visual and Textual Languages

Database Design and Development



Assessment

There will be a range of formative assessments (written and practical) throughout the year and a summative S3 examination.

Home Study Expectations

Home study challenges in emerging technologies will be issued in appropriate topics and will involve researching and reporting.

Possible next level of study in S5-6

NPA PC Passport Level 4 or Level 5 in S5.

NPA PC Passport Level 5 or Level 6 in S5/6.

NPA Cyber Security Level 4 or Level 5 in S5.

NPA Cyber Security Level 5 or Level 6 in S5/6.

National 4 or National 5 Computing Science in S5.

National 5 or Higher Computing Science in S5/S6.

Advanced Higher Computing Science in S6.

Wider Achievement Opportunities

The Computing Science course allows students to **develop their knowledge, understanding and skills outside of school**, particularly if they own a smartphone, or a tablet / laptop / personal computer. It also helps pupils to apply their knowledge, understanding and practical skills to **solve problems** and help others at home and in almost any job they take in the future.

Possible Career Paths

Animation, **business analysis**, computer aided design, **computer games programming**, computer hardware engineering, **games production management**, IT consultant, **IT help desk support**, IT project management, **multimedia development**, network management, **software programming**, systems development, **teaching**, web development.



Course Description

Students develop creative and practical skills by designing and making solutions to real problems. In addition, they gain an understanding of the impact of design and manufacture on everyday life.

Design and Manufacture is a practical course where students will spend equal time creating a design folios and manufacturing small products using wood, metal and plastic. Students will use new equipment and machinery to manufacture items of their own design. Sketching and design skills are developed alongside an understanding of materials, tools/equipment, design issues and commercial manufacturing.

Delivery of the course, on average:

- One period per week in classroom creating design work.
- One period per week spent in the workshop manufacturing.
- One period per week spent in the classroom learning theory.

Assessment

Students will be assessed using a wide variety of methods. They will have practical demonstrations, verbal and electronic presentations, written assignments, make videos to explain their learning to others, and many more. For each project there is a range of assessment opportunities that provide the students with a choice on how they wish to present their learning.

Home Study Expectations

Students will have homework that accompanies each of the design units throughout the course. They will also have other 'one off' tasks as well as continually developing key skills such as sketching.

Possible next level of study in S5-6

Students can continue to develop their skills and knowledge from National 4, into National 5, then beyond into Higher.

Wider Achievement Opportunities

Students will be given the chance to take part in a visit to a local university to look at modern manufacturing techniques and modelling processes using CAD/CAM.

Possible career paths

This course also provides a foundation for those considering further study, or a career, in product design, creative industries, engineering, manufacturing, craft-based industries and related disciplines.



Course Description

Graphic Communication is a practical course where students have opportunity to develop creative skills in creating graphics. Students will create a portfolio of work based on a range of projects throughout the year. Projects will have both technical and creative aspects to them. Expect to develop your 2D and 3D sketching skills, understand and create technical drawings using drawing equipment and use computers to create promotional adverts and branding. Learning new software and creating 3D digital models is a significant aspect of the course. Theory aspects of the course allow students to develop their knowledge and understanding of communication, spatial awareness, graphics and society and the importance of standards and protocols.

Assessment

Students will be assessed using a wide variety of methods. They will have practical demonstrations, verbal and electronic presentations, written assignments, make videos to explain their learning to others, and many more. For each project there are a range of assessment opportunities that provide the students with a choice on how they wish to present their learning.

Home Study Expectations

Students will have homework that accompanies each of the projects throughout the course. They will also have other homework tasks which aim to develop their skills and knowledge with a range of drawing, rendering, presentation and publishing methodologies.

Possible next level of study in S5-6

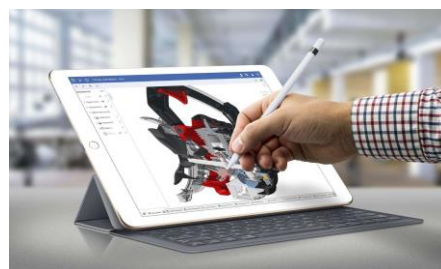
Students can continue to develop their skills and knowledge from National 4, into National 5, then beyond into Higher and Advanced Higher.

Wider Achievement Opportunities

Students will have the opportunity to present their Desktop Publishing work to a practising Graphic Designer.

Possible career paths

This course also provides a foundation for those considering further study, or a career, in design, publishing, animation, architecture, games design, branding, engineering and related disciplines. Graphic Communication provides a complementary experience for those studying subjects in the technologies and expressive arts.



Course Description

This course combines practical cookery with food technology and health. It seeks to develop students' skills of food preparation and cookery processes and apply their knowledge in practical contexts.

Students will learn

- Cookery skills and processes
- To choose ingredients to prepare and make a variety of dishes
- Nutrition
- The impact of choice of ingredients on health
- To be aware of the need for responsible sourcing and sustainability of ingredients
- To apply safety and hygiene regulations in the kitchen
- Basic technological skills related to food technology
- Design and make activities related to food product development and contemporary food issues

Possible next level of study in S5-6

Students will be able to progress in 2 ways:

National 4 & 5, then Higher and Advanced Higher Health and Food Technology

Or:

National 4 & 5 Hospitality Practical Cookery/ Practical Cake Craft

Assessment

Assessment is carried out in various ways-

Peer and self-assessment of both written and practical work

Group discussion and co-operative activities and presentation.

Home Study Expectations

Homework is linked to class lessons and is set approx. fortnightly.

It is also expected that students will practice some of the practical skills at home.

Wider Achievement Opportunities

Students will have the opportunity to learn about the Food Product development process and may be able to design make and market their own products.

Students may also be able to enter the Edinburgh Futurechef competition.

Possible career paths

A passion for food can lead to a wide range of career opportunities, working in hospitals, hotels, restaurants, or tourist venues. There is a range of career paths — in agriculture, catering and hospitality, environmental health, leisure and tourism, retail sales and customer service, as well as engineering and manufacturing.



Course Description

The course is made up of four modules – Drawing, Painting, 3D Design and 2D Design.

Students will develop existing skills and build a portfolio of work, which will demonstrate new skills and techniques as well as critical and creative thinking. The modules will stem from close examination of artist and designers work.

Possible next level of study in S5-6

National 4, National 5, Higher, Advanced Higher in Art & Design.



Assessment

Assessment is carried out in various ways:

- Peer and self-assessment.
- End of unit evaluation with agreed next steps in discussion with teacher.
- Group discussion and co-operative activities.
- Selection for display of completed work.

Home Study Expectations

Homework is linked to class lessons and is set approximately fortnightly. The schedule for the year is on I Tunes U, school website and displayed on the student notice board in the department for the year ahead.

Possible next level of study in S5-6

National 4, National 5, Higher, Advanced Higher Art and Design
Possible career paths include Art and Design foundation and Diploma courses at Edinburgh College and Degree Level Study at various art colleges.

Wider Achievement Opportunities

Students have the opportunity to take part in exhibitions out with as well as within the school.

Students take part in national competitions relevant to their course. E.g. Edinburgh Zoo Logo design competition as part of the Graphic unit, Edinburgh College Daydream believers' schools project, the Royal Scottish Academy schools competition and the John Byrne drawing competition.

Students have the opportunity to attend a relevant exhibition at one of the Galleries in Edinburgh. S5 and 6 have the opportunity to attend ACES portfolio preparation classes at Edinburgh College of Art.

Possible career paths

Art and Design develops creativity, critical thinking and complex problem solving, all skills required by the future workforce. A qualifications in Art and Design can lead to many careers in the Creative Industries, some examples are- graphic design, advertising creatives, art director, product design, architecture, illustration, media design, game designer, fashion, film and media, animation, set design, special effects, industrial design, sculptor, painter, art historian, museum curating, art education photography,...

Course Description

This course will allow students the opportunity to develop their knowledge and understanding of Dance through a range of styles and in doing so achieve the Experiences and Outcomes of the Curriculum for Excellence at a level which is appropriate to their ability. They will gain experience in Choreography, Contemporary, Ethnic, Street, Jazz and Hip Hop. The course will require participation in an after school technique class delivered in school.

Structure of the course

1. Develop dance technique and performance skills in a range of styles
2. Provide the skills and techniques to choreograph a sequence or dance piece
3. Enhance your understanding of how to look after and use your body in a safe dance environment
4. Develop leadership skills
5. Establish teamwork through, pair, group and class activities
6. Develop confidence through **performance in and out with school**

Choose Dance if you

- Would like to develop your skills and knowledge of Dance.
- Want to learn different Dance styles.
- Would like to be able to create your own pieces of Dance.
- Want to improve your fitness levels.
- Are keen and enthusiastic.
- Are able to work independently and/or part of a team.
- Can remember your kit (dance uniform will be required)

Practical skills will require video evidence for assessment purposes

Home Study Expectations

Written and practical home study will be issued regularly to complement class work. Students will also be required to attend as many professional dance performances that become available.

Possible next level of study in S5-6

Students will have the opportunity to continue with SCQF Level 4 units and National 5 qualification with the possibility of progression to Higher in S5 /6.

Wider Achievement Opportunities

Lunchtime & extra curricular clubs, school sports teams & activities, coaching & sports leader opportunities, showcase at Assemblies or at Celebration of Achievement

Possible Career Pathways

- Professional dance
- PE teacher,
- Dance teacher
- Musical theatre, film and production
- Choreographer
- Arts administration for a dance company or theatre
- Yoga and Pilates instructor
- Marketing for dancers
- Dance photographer or videographer
- Physical therapist or dance medicine specialist

Course Description

Drama skills help to develop the communication and presentation skills of young people in a world where there is greater need to acquire effective professional techniques than ever before.

This course will include a wide range of activities which will provide students with a stimulating, varied and satisfying experience. Students will explore the various forms incorporated within drama whilst also developing technical production skills. Extensive use of video recording of presentations will be incorporated within the course in order to enable students to evaluate and keep a record of their practical work.

Structure of course

Drama Skills

Students will learn and develop skills necessary to performing, e.g. how to use Voice and Movement to develop characters. They will learn about different Drama Forms and Conventions, including Mime, Dance Drama, Improvised Drama, Docu-drama and Script.

Production Skills

Students will learn how to incorporate the various different production skills into their practical performances. They will learn how to make effective use of Stage Lighting, Sound, Set/Scenery, Props, Costume and Make Up.

Performance

Students ultimately will work towards one or more performances to an invited or specially targeted audience, utilising both Drama Skills and Production Skills.

Assessment

Video recordings are made of all practical work. These are used for assessment, evaluation and as a record of work completed. Written assessments are at the end of each practical unit.

Homework Study expectations

Homework consists of recording and evaluating the practical work done in class. Homework will also consist of learning lines from a script which will be performed to an audience.

Possible next level of study in S5-S6

Students will have the opportunity to continue with National 4 and National 5 qualifications. Those who have achieved National 5 may then progress to Higher in S5 /S6.

Drama S5 - 6 progression should include NPA in Musical Theatre as an option

Wider achievement opportunities

Students will have the opportunity to be involved in activities in the wider community and, of course, the annual school pantomime.

Course Description

In this course you will concentrate on four key areas: Performing as a Soloist, Performing in a Group/Band, Understanding Music and Creating Music.

Structure of the course

Performing as a Soloist

You will develop essential skills on 2 instruments, one which can be voice, and work towards recording a selection of pieces on them. You will have the opportunity to receive weekly lessons on one of your chosen instruments.

Performing in a group/band

You will use one of your chosen instruments to perform and record music with others.

Understanding Music

You will explore different styles of music and examine how the music is put together; investigate how the styles developed, their culture and the influence of other art styles on music; and develop your basic music theory skills.

Creating Music

You will have the opportunity to experiment and create your own music in different styles through performance, working together with others, using music software and recording using technology.

Assessment

- You will perform a short programme of music on each instrument at an appropriate level
- You will sit a Listening Assessment
- You will produce a folio of short compositions you have developed over the year.

Home Study Expectations

At least three sessions of 20 minutes performing will be expected on each of your instruments per week. In addition you will complete short quiz's or research tasks during each unit. You may be given an extended project to complete over a few weeks.

Possible next level of study in S5-6

National 4, National 5 and Higher in Music Performing.

Wider Achievement Opportunities

Performing in Assemblies, Performance Showcases, Community Concerts and Pantomime

Possible Career Pathways

- Music Teacher
- Music Therapist
- Composer
- Artist/ Singer/ Performer
- Instrumentalist
- Journalist
- Producer
- Conductor
- Games Design

Course Description

In this exciting course you will be developing skills in four areas: Music Technology, Performing in a Group/Band, Understanding 20th & 21st Century Music and Creating Music. You will then use these skills in short projects such as Live and Studio Recordings of a band, Radio Broadcasts containing Jingles, Interviews and Adverts, Ringtones, TV Adverts, Foley, Sound effects and Music for Films and Gaming.

Structure of the course

Technology

You will use current music software packages and apps along with iPads, Mac Mini's and iMacs to enhance your learning experience. You will learn how to set up a studio using appropriate equipment and techniques and record, edit and mix music. You will use all of these skills in your short projects.

Performing in a group/band

You will develop essential skills on an instrument of your choice and use these skills to be able to perform with others. You will have the opportunity to receive a weekly instrumental lesson.

Understanding Music

You will explore different styles of 20th and 21st Century music and examine how the music is created; investigate how the styles developed, their culture and the influence of music technology on music; develop an understanding of the music industry and copyright.

Creating Music

You will have the opportunity to experiment and create your own music in different styles through performance, working together with others, using music software and recording using technology. You will use these skills to create Radio Jingles, Ringtones and Film and Gaming soundtracks.

Assessment

- You will create logs showing the music technology skills you have covered and a folio of the short projects you have completed
- You will perform as part of a group and record using different types of technology
- You will contribute to group projects, describe different styles of music, research influential artists and technology and complete song plans.

Home Study Expectations

A minimum of 3 x 30 minutes performing will be expected on your instrument per week. In addition you will complete short quiz's or research tasks during each unit. You may be given an extended project to complete over a few weeks.

Possible next level of study in S5-6

National 4, National 5 and Higher in Music Technology.

In addition, you can study a performing unit on one instrument or voice at all levels from National 4 to Advanced Higher.

Wider Achievement Opportunities

Performing in Assemblies, Performance Showcases, Community Concerts and Pantomime; Creating Radio Interview podcasts, Jingles, Adverts and Recording Bands for Tynie FM; Sound Engineering in school events such as the pantomime, music showcases, lunchtime concerts

Possible Career Pathways

- Music Teacher
- Music Therapist
- Composer
- Artist/ Singer/ Performer
- Instrumentalist
- Journalist
- Producer
- Conductor
- Games Design

<https://www.learnhowtobecome.org/arts-humanities-careers/music/>

Course Description

This is an opportunity for students with a **genuine interest in improving performance and theory**, to follow an introductory course delivered at CfE level 3/4 in preparation for National PE.

Structure of course:

The course may be made up of the following components:

Possession Games	Football/ Hockey/ Basketball
Striking & Fielding	Softball
Rebound Games	Badminton/ Table Tennis/ Volleyball
Athletic	Fitness – Physical, Skill Related & Mental, Testing & Methods of Training, Athletics
Creative & Aesthetic	Gymnastics, Dance & Problem solving in games

Using a variety of methods, performance will be analysed and evaluated to support developing competence and capacity.

Practical skills will require video evidence for assessment purposes

Assessment

1. You will develop **Physical Factors** such as movement skills & competencies in various activities in preparation for the demands of National qualifications
2. You will focus on cooperation and competition through a range of practical activities, individually and with others, in ways which make various demands on the performer
3. You will identify and distinguish different **Mental** and **Emotional Factors** by evaluating and appreciating one's own performance and those of others
4. **Social Factor**-To enhance personal and social development by sharing ideas, communicating decisions and coming to terms with responses to various types of challenges

Home Study Expectations

Students will be required to document their performances by uploading video and providing written evidence via iTunes U or OneNote . This will be issued regularly to complement class work

Possible next level of study in S5-6

Students will have the opportunity to continue with National 4 and National 5 qualifications with the possibility of progression to Higher and Advanced Higher in S5 /S6.

Wider Achievement Opportunities

Lunchtime & extra-curricular clubs, school sports teams & activities, coaching & sports leader opportunities, showcase at Assemblies or at Celebration of Achievement

Possible Career Pathways



Studying PE can lead to various challenging careers in physical education

Physical education lends itself to a range of careers in sports and fitness as well as other industries that you may not have considered before. *For example, did you know that many nutritionists, physical therapists and chiropractors have a degree in PE?* Some careers that you could consider doing with PE include:

- Sports science pathway
- PE teacher
- Physiotherapist
- Professional sportsperson
- Sports coach/consultant
- Sports policy at local and national level
- Diet and fitness instructor
- Personal Trainer

Course Description

This Course is offered to a small number of students who may need extra support to engage with a full curricular experience.

Throughout the course students are encouraged to organise and sustain their own relationships and forge links out with the school environment. The four units – Self in Society, Self and Work, Self-Awareness and Practical Abilities - incorporate all CfE themes, with Health and Well Being at the forefront. The course is project based with advisor guidance only. Four units need to be completed to gain a National 4 award and these are completed over two academic sessions, S3 and the S4.

Next level of study

Students often go on to complete the Volunteering Award in S5 and beyond

Home Study Expectations

Research for projects is requested several times per term.

Assessment

Internally assessed.

Wider achievement

Opportunities are incorporated within projects.

Possible career pathways

Many students move into the caring professions such as Care Homes or Nurseries or into Retail/Customer Service careers.