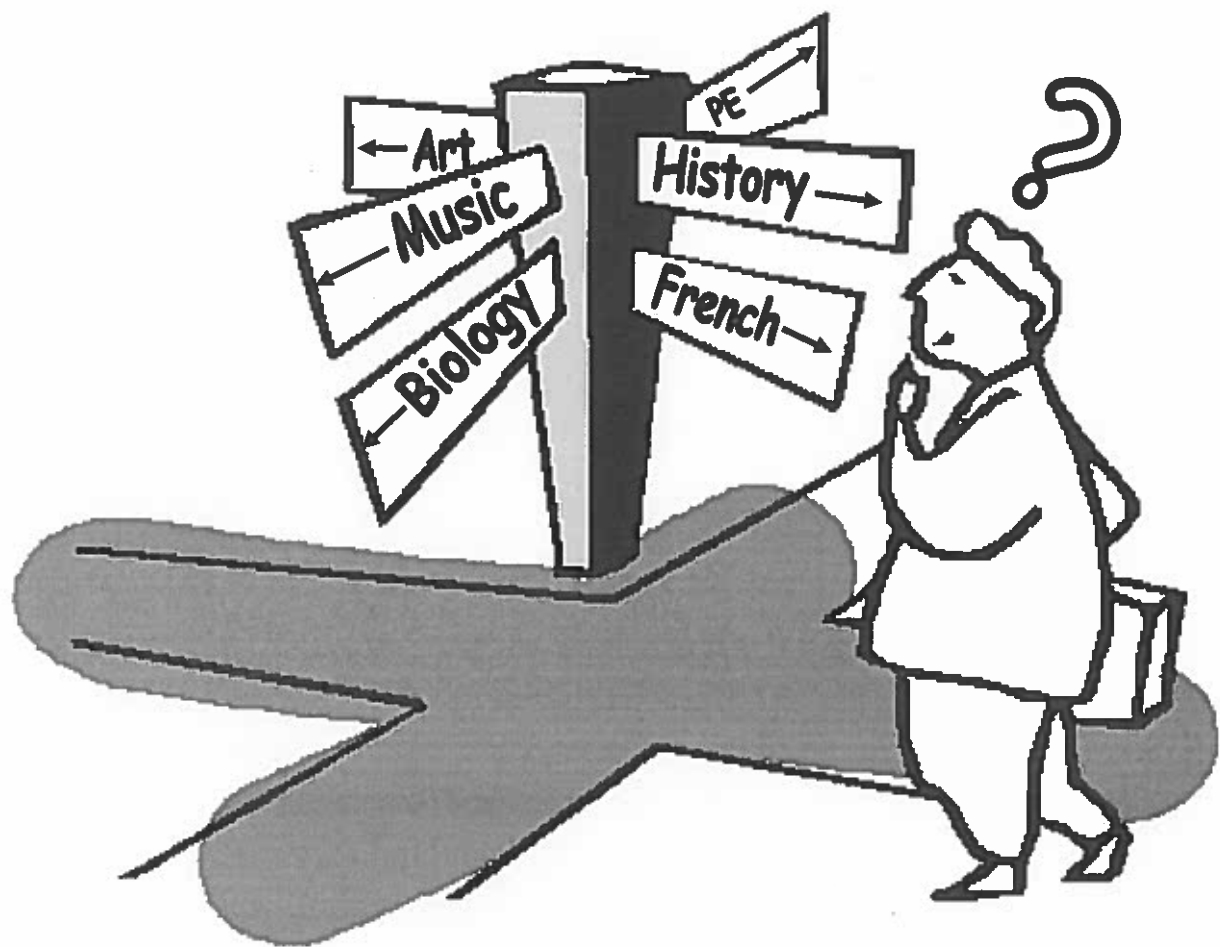


SMITHYCROFT SECONDARY SCHOOL



2020

S2 INTO S3

LEARNER PATHWAYS

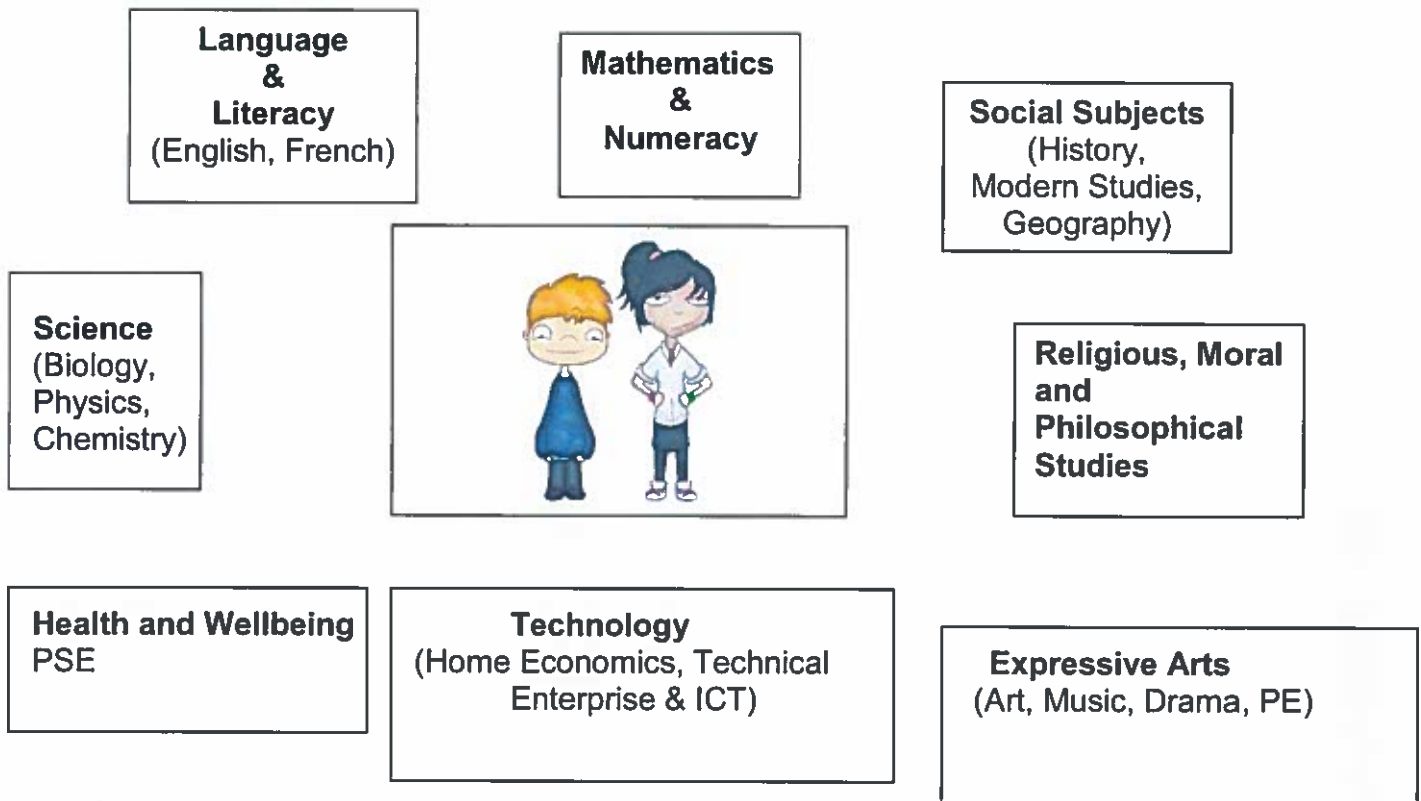
Smithycroft Secondary School



S3 Learner Pathways

S3 LEARNER PATHWAYS

Since coming to Smithycroft you have been studying what we call a broad general education. This has ensured that you experienced a range of subjects in S1 and S2 which come under eight different areas of the curriculum.



As well as these curricular areas you have been involved in activities to help you understand how learning links up across the curriculum, given opportunities to develop your personal achievements and to get involved in the life of the school and wider community.

As you move into S3 we know that you are beginning to think more of your future beyond Smithycroft. We want to ensure that you continue to study over the eight key curriculum areas but we think it is now time to begin to **SPECIALISE** within these areas. Specialising will allow you to choose your own learner pathway in S3. As you move from this Junior phase of school to a Senior phase starting in S4, we believe this will help to prepare you well for your future.

Some curriculum areas will continue as normal and you will study the experiences and outcomes for these areas. These areas are:

| | |
|-------------------------|-------------------------------------------------------------|
| Language and Literacy – | You will study English and French |
| Mathematics & Numeracy- | You will study Maths |
| Health and Well Being - | You will study Personal & Social Education and PE |
| RMPS - | You will study Religious, Moral and Philosophical education |

In the four remaining areas you will have the opportunity to specialise and study subject areas in more depth.

- In Social Subjects you can specialise in either
 History or Modern Studies or Geography
- In Science you can continue to study all 3 in a combined science course or specialise in either
 Biology or Chemistry or Physics
- In Technology you can specialise in either
 Home Economics or Technical or Business Studies
 (Hospitality) (Craft Skills) (Administration)
 (Health & Food Technology) (Graphics) (Business Management)
- In Expressive Arts you can specialise in either
 Art & Design or Music or PE
 Or Drama

You will also have the opportunity to specialise in one further subject. So let's say you really enjoy and are good at Science and think this is something you would want to pursue in the Senior phase. You could pick Biology in the science curricular area and Chemistry in the 'Additional Specialist area'. You may also be good at and really enjoy French so might want to develop your languages picking Spanish in the 'Additional Specialist Area'

'The Additional Specialist Area' will comprise one of

| | | | | | |
|-----------|---------|----------------|-------|------------------|-----------------------|
| Biology | Spanish | Chemistry | RMPS | Physics | Skills Support Course |
| Technical | Art | Home Economics | Music | Business Studies | PE |
| | | | | | History |

You will also have the opportunity to choose an 'elective'. This will be a list of opportunities which may help to develop your literacy, numeracy, health & wellbeing, citizenship or ICT skills. Some will just give you an opportunity to try something different. Examples of these may be writing for a pupil newspaper, producing comics, developing international links, jewellery making, become a cupcake expert etc.

The remainder of the booklet will provide you with more information about the subjects in each of the curricular areas. This will allow you to make important decisions about your own chosen pathway. These decisions will be important since you will want to build on the specialist skills you have developed in S3 as you move into the Senior Phase. At the end of S3 you will have the opportunity to look again at your learning pathway and choose how you wish this to be continued in the Senior Phase beginning in S4.



Throughout this particular period of your school journey you will get lots of help and support from your Pastoral Care teacher and PSE itself. The important thing to remember at all times is that it is YOUR future and YOUR learner pathway – not your friends, not even your best pal. So think carefully and weigh up your areas of interest, challenge and enjoyment. This will ensure that you make decisions that are right for you!

Supporting You

Throughout your time in S3 your teachers will support you to help you to do your best. Sometimes there will be additional staff in class to help you make progress in your work. We rely on you to be honest with staff and ask for help too since it's your future that is important. If you feel you are having difficulty in any subjects please speak to either your class teacher, Pupil Support Teacher or Mrs Stobie, the Principal Teacher of Learning and Behavioural Support.

Preparing for the World of Work

At Smithycroft, we are very fortunate to have a Principal Teacher World of Work, Mrs McBride. She works closely with our Careers Adviser, Jennifer Alexander, and both are based in the Library. In S3 you will begin to think more about your future and you will take part in a "Raising Aspirations" event to help you find out more about lots of different occupations. Remember too that there is no such thing as a man's job or a woman's job – every job is open to everybody. Towards the end of S3 you will begin to plan for your week's work experience in S4. Over the next few years you will have different opportunities to understand the world of work and plan for your future.

DETERMINED TO SUCCEED

This is the latest strategy devised by the Scottish Executive to encourage young people to have a more positive attitude towards life in general and the World of Work in particular. This places Enterprise in Education at the very heart of the school curriculum which aims to promote enterprising values and a "can-do will-do" spirit.

In Smithycroft we prepare our pupils for the World of Work through an on-going programme of activities from S1 to S6. These include:

Guest Speaker from Industry
Glasgow Science Centre Business Partnership
GHA - Certificate in Housing Qualifications
Widening Horizons - Blairvadach outdoor programme
College - links through skills for work courses
Law – link with Law Firm and visits to courts.

Visits to work places as part of subject courses:

Home Economics – Culinary Excellence
Geography/Science Dept – Whitelees Wind Farm
Modern Studies- Scottish Parliament
English – The Theatre/Cinema
Sports Leadership – Emirates Arena, Tennis Festival

Work Experience

Work experience is a crucial part of every pupil's curriculum, and before leaving Smithycroft you will participate in at least one week's placement, selected by the pupils at the end of S3.

S4 pupils undertake this placement early in October, and the preparation for it, and the reports on completion, can be used to complete Application Forms/CV's and support applications when attending interviews.

S5 and S6 pupils are encouraged to seek work experience opportunities to enhance their future prospects for employment or continued study.

Enterprise Partnerships

In the last couple of years Smithycroft has developed very close links with a number of companies and training providers. This partnership has opened up a variety of development opportunities for Smithycroft pupils who have undertaken Outward Bound courses, Community Projects, Scholarships and even international placements.

SKILLS DEVELOPMENT SCOTLAND

School Careers Adviser

WHO am I?

Jennifer Alexander – Careers Adviser

WHERE am I?

The Careers Office situated at the rear of the Library.
Open every day except Wednesday.

WHAT Do I Do? - I am here to HELP YOU to make the RIGHT CAREER CHOICE for you!

If you have no idea which school subject, job or course you want to choose.

OR

If you have several ideas but can't decide which to pick.

OR

If you have decided but don't know what to do next.

Employability skills – how to complete application forms or a CV? What to do at an interview? Where to look for a job or a course?

I can help!!

HOW To Contact Me?

Email, drop in or contact Mrs McBride
Attend school Information Evenings

E-mail: jennifer.alexander@SDS.co.uk

Administration & IT

Do you want to develop your digital literacy skills?

Do you enjoy working with ICT?



Do you want to have a competitive edge for your future?



Skills you will develop:



E-diary
E-mail



Internet



Word Processing



Spreadsheets



Databases



Presentations

Theory you will learn:

- Admin Assistant Roles, Qualities & Skills
- Customer Service
- Health and Safety
- Security of People, Property & Information
- File Management
- E-communication methods



Work towards a National 3,4 or 5.

Progression to Higher available in Senior School.

ART & DESIGN

In a world where a huge amount of communication is visual it is important to have an understanding of how this works and how we can use this for ourselves in our own lives to enrich life experiences and how this can impact on society. This is particularly true today when we receive so much of our information visually through TV, Internet and advertising.

The Course Outline

From S3 pupils will learn how to express their own ideas and feelings using a variety of materials and sketchbooks. They will have the opportunity to experience the design process using problem solving skills and will also work on developing and improving their expressive skills in drawing, painting, ceramics, printing and mixed media.

While experiencing these areas pupils will investigate the work of current and past artists and designers. This area of the course is called **Art and Design Studies**. All of these areas will help prepare pupils for the National Qualifications in S4, S5 and S6.



Advanced Higher Self Portrait
by Emily McGearv in S5

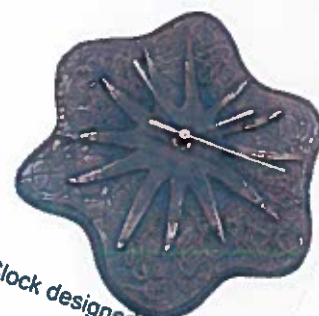
Qualifications

The Art and Design department presents pupils in the following National Qualifications

National 3/4/5 Art & Design in S3/S4

Higher and Advanced Higher Art & Design in S5/S6

NPA 5 Photography and Higher Photography in S6.



Clock designed for Higher

Careers and Further Education

There are many areas which a qualification in Art and Design can lead into. Fine Art (drawing and painting) as well as numerous Design disciplines such as, architecture, interior design, graphic design, product design, furniture design, fashion design, jewellery design, textile design, landscape architecture, animation and also illustration. There are other career opportunities to follow for example, teaching (primary and secondary art specialist), museum and gallery work. Other careers such as hairdressing, beautician, chef and painter and decorator benefit from an art and design qualification. Art and Design qualifications provide the entry to Teacher Training, University entry, Further Education Establishments and of course Art schools.



Biology

Through enjoyable learning in biology, you will develop your interest in and understanding of the world. You will take part in a wide range of investigative activities, both practical and research-based, to help you become more creative and enterprising. The skills and knowledge you develop can be applied across all areas of life.

In common with other science courses, Biology will also help enhance your ability to think analytically, creatively and independently and to make reasoned evaluations. Opportunities will arise for you to develop an informed and ethical view of topical issues.

You will continue to develop communication, leadership and collaborative working skills and be able to apply critical thinking in new and unfamiliar contexts to solve problems



Topics covered in S3 will include

- ❖ Discussions relating to evolution, natural selection and adaptations.
- ❖ Investigating different habitats, ecosystems and the biodiversity on Earth.
- ❖ Pupils will carry out biotic and abiotic sampling techniques on the school grounds.
- ❖ Pupils will learn about how plants make Their own energy and how this supports life on this planet through food webs.

This could lead towards the completion of the National 4 award in Biology and from this, pupils can progress to National 5, Higher Human Biology and Advanced Higher Biology.

Business Management



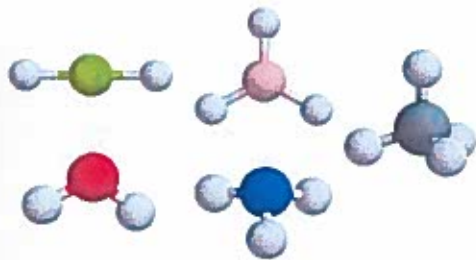
- Do you want to:**
- ✓ Be the next Alan Sugar or Michelle Mone and start your own business?
 - ✓ Work in a business?
 - ✓ Make money when you leave school?
 - ✓ Fill a gap in the market with a unique idea?
 - ✓ Gain a better understanding of how a business operates?

- Theory you will learn:**
- Entrepreneurs
 - Factors of production
 - Sole traders and Partnerships
 - Franchises
 - Business Objectives
 - Sources of finance
 - Cash Budgets
 - Market research
 - Brands
 - Marketing Mix
 - Recruitment and Selection
 - Training
 - Method of production
 - Quality



- Skills you will develop:**
- Team working
 - Group work
 - Communication
 - Research
 - Presentation
 - Analysis and evaluation

Work towards a National 3,4 or 5.
Progression to Higher available in Senior School.



Chemistry

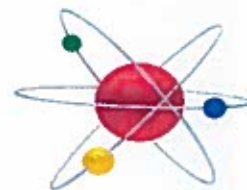
The course will encourage you to understand and investigate the world around you and the effects that our knowledge of materials has on the way we live. Through taking part in investigative work and discussion, you will develop an understanding of the role of chemistry in a variety of scientific issues.

In common with other science courses, Chemistry will also help enhance your ability to think analytically, creatively and independently and to make reasoned evaluations. Opportunities will arise for you to develop an informed and ethical view of topical issues.

You will continue to develop communication, leadership and collaborative working skills and be able to apply critical thinking in new and unfamiliar contexts to solve problems

Topics covered in S3 will include

- ❖ Atomic structure - electron arrangement within atoms, the concept of different types of bonding and how these affect the properties of substances
- ❖ Reaction Rates - signs of a chemical reaction, collision theory, following the course of a reaction and interpreting graphs.
- ❖ Acids and bases - measuring and adjusting pH and describing the importance of pH in everyday life



This could lead towards the completion of the National 4 award in chemistry and from this, pupils can progress to National 5, Higher and Advanced Higher.

CRAFT SKILLS/ DESIGN AND MANUFACTURE

The Design aspect of this cluster will allow students to develop their designing skills that will ultimately lead to the production of a prototype model. The craft skill aspect will allow each student to develop a range of traditional craft skills within the school workshops. It is suitable for all learners with an interest in making craftwork items and generally developing their practical craft skills. An awareness of health and safety issues will underpin these courses.



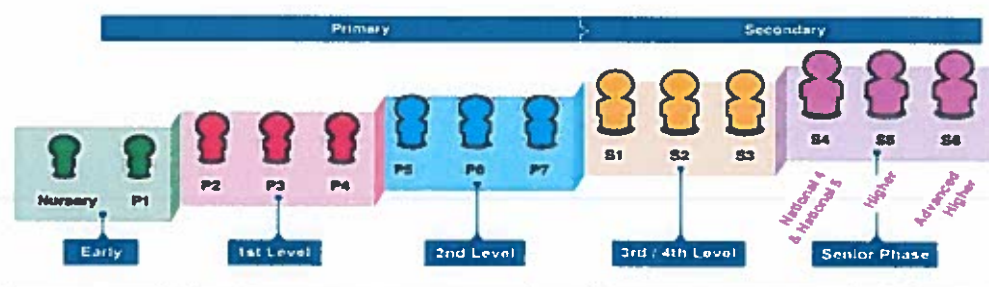
Areas that will be covered in S3 include

- ❖ Marking out and cutting woodworking joints commonly used in frame and carcass construction.
- ❖ Safe use of common hand and machine tools.
- ❖ An awareness and respect for health and safety in the workshop environment.
- ❖ Evaluating design concepts and developing designing skills.
- ❖ Working through the design process to take an idea to take an idea to a fully working prototype model.



These will lead towards the completion of the National 4 award in either Practical Craft Skills (Woodwork) and from this pupils can progress to National 5 Practical Craft Skills (Woodwork) or Practical Craft Skills Engineering (Metalwork). The design work will lead to the National 4 award in Design and Manufacture, which then progresses to National 5, then Higher.

S3 ENGLISH



Achieving Third / Fourth Level

S1 to S3, but earlier or later for some.

- In S3 English (BGE), pupils continue their Broad General Education - focussing on improving their language and literacy skills in order to continue to develop as articulate, creative learners. The course aims to offer breadth and depth of study through the use of different contexts for learning.
- Pupils will continue to be exposed to a broad **range of texts** that will develop skills in the four core aspects of English – Reading, Writing, Listening and Talking.
- The English department strive to provide a course sculpted around the **skills** pupils need to develop, rather than by compulsory texts and units. This allows teachers to structure their planning to meet the needs and interests of the learners in their class more effectively.

TYPES OF TASK

| | |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>READING</u> | Studying a wide variety of texts from different genres, such as: <ul style="list-style-type: none"> • Prose (Novels / short stories) • Drama • Poetry • Film & TV • Non-fiction <ul style="list-style-type: none"> ✓ Producing Critical Essays and completing Textual Analysis. ✓ Personal reading is encouraged through ERIC time and the completion of book reports on a regular basis. |
| <u>WRITING</u> | <u>Broadly Creative</u> <i>Personal/Reflective, Imaginative (e.g. Monologues, Drama Scripts, Short Stories, Chapters of novels...)</i> <u>Broadly Discursive</u> <i>Persuasive, Argumentative, Report, Comparative.</i> |
| <u>TALKING</u> | <ul style="list-style-type: none"> ✓ Group Presentations ✓ Group Discussions ✓ Individual Presentations ✓ On-going, discussion based cooperative learning. |
| <u>LISTENING</u> | <ul style="list-style-type: none"> ✓ Responding to Questions ✓ Active Listening assessments |

S3 Geography

University

Pharmacy
Engineering
Geography
Nursing
Surveying
Teaching

College

Social Work
Surveying
Modern
Apprenticeships
Tourism
Architect

Employment

Renewable Energy
Sector
Environmental
Consultant
Data Analyst
GIS Officer
Police

Skills

Communication
Presentation
Debating
Writing
Teamwork
Problem Solving
IT Skills
Critical Thinking



Why study Geography?

- It has never been more important!
- Climate Change is 'humanities greatest threat'. Do you want to help? Study Geography and you can.
- It is a 'Facilitator Subject'. This means that Colleges, Universities and employers ask for it more often than other subjects.
- Hands on research trips.

GRAPHIC COMMUNICATION / DESIGN AND MANUFACTURE



The Graphic Communication aspect of this cluster will allow students to develop their skills in 2D and 3D graphics both by hand and computer. As well as applying these skills to produce course work they will learn how to create visual impact and communicating information through their Graphics. The Design aspect of this cluster will allow students to develop their designing skills that will ultimately lead to the production of a prototype model. An awareness of health and safety issues will underpin these courses.

Areas that will be covered in S3 include

- ❖ Producing technical sketches and drawing using the traditional drawing techniques.
- ❖ Use of appropriate computer software to generate illustrated 2D sketches and drawings.
- ❖ An awareness and understanding of the colour theory and presentation layout work.
- ❖ An awareness and respect for health and safety in the workshop environment.
- ❖ Evaluating design concepts and developing designing skills.



These will lead towards the completion of the National 4 award in either Graphic Communication and from this pupils can progress to National 5, then Higher. The design work will lead to the National 4 award in Design and Manufacture which then progresses to National 5, then Higher. They will also have enough skills to embark on the Practical Crafts Skills courses at National 4 and 5.

Health and Food Technology

Health & Food Technology

This course allows pupils to study the relationships between health and nutrition. There are three topics within the course; Contemporary Issues, Food For Health and Food Product Development.

theory once a week, practical twice - where possible

The course will have progression onto National 4, 5 and Higher in senior phase.

Contemporary Food Issues will give pupils an insight into;

- Factors, including contemporary indicators which can affect a consumers choice
- The organisations that protect consumers
- Food labeling and how it helps consumers to make an informed choice
- Design and make a food product which addresses a food issue



Throughout **Food for Health** learners will;

- Develop knowledge about nutrients, current dietary advice and dietary diseases.
- Have a good understanding of a balanced diet and why different people require different nutrients.



Food Product Development will allow pupils to;

- Develop an understanding of the stages of food production
- Learn about functional properties of ingredients in food and their use in developing new food products
- Use problem solving approaches to produce food products to meet specified needs.



HISTORY IN S3

Pupils' who decide to continue with History after S2, will have an opportunity to further develop their analytical skills, further their knowledge and understanding of historical events and the impact that these have had on our own society and heritage. Pupils will then progress on to the new National Qualifications that are being introduced.



What are the aims of History in S3?

The aim of History in S3 is to open up the world of the past for the learner. History provides opportunities for learners to study societies in the past, the changes they have undergone and to develop an understanding of those historical events that have shaped their own society and societies in other countries.

The aims of S3 History are:

To develop their ability to think independently.

Encouragement to debate issues through the use of relevant evidence form their own views and respect of others.

Evaluating sources and drawing conclusions.

To develop skills of explaining historical events.

To increase their knowledge and understanding of historical themes and events..

What topics will be covered in S3 History?

S3 history will cover three Historical areas of study:

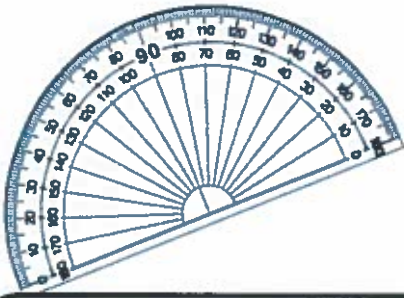
Scottish:- Scotland and the era of the Great War 1910-1928

British:- Changing Britain 1760 - 1914

European:- Hitler and Nazi Germany, 1919 - 1939

There will also a History project to complete.





Mathematics

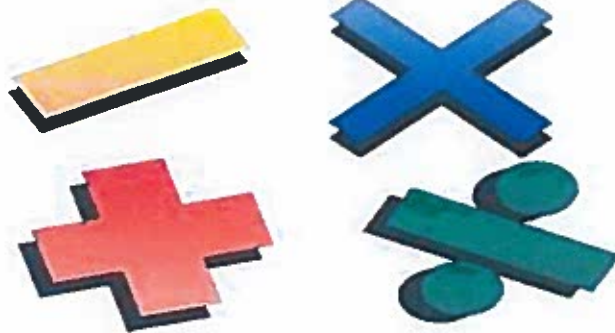


Mathematics is important in our everyday life, allowing us to make sense of the world around us and to manage our lives. Using mathematics enables us to model real-life situations and make connections and informed predictions. It equips us with the skills we need to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions.

π



In S.3, pupils will continue to develop their mathematical skills with reference to the CfE experiences and outcomes. However, we will also have an eye to the future and we will be shaping their progress through these with a view to the likely course they will complete in S.4. Numeracy features prominently in National 4 courses so for many pupils we will make that a priority in S.3. For those whose S.4 outcome is likely to be National 5, developing their skills in algebra will be a key target.



Final decisions on course choice will not be made until S.4 and will be dependent upon S.3 progress, contribution to the work of the class and commitment to hard work.

MODERN LANGUAGES DEPARTMENT



S3 French and Spanish

In S3 pupils continue to learn both French and Spanish. This means that all pupils will have the opportunity to achieve the SQA Modern Languages for Life and Work Award – working towards the Spanish for Life Unit and the French for Work Unit.

In Spanish the focus is on cultural appreciation and being able to take part in real-life conversations. Pupils will learn about the language and culture of Spain and many other Spanish speaking countries. This increases awareness of other ways of life and broadens horizons.

In French the focus is on employability skills. We explore the importance of languages for our pupils personally, but also for the Scottish society and economy as a whole. Pupils will work to create CV documents and take part in interviews, using their knowledge of languages to help them stand out from the crowd.

In an increasingly globalised world, languages are more important than ever and by studying them now you are giving yourself every opportunity to shine!

Here are our top 10 reasons why languages are great:

1. English is not enough! Not everyone speaks or wants to speak English.
2. In class, you get to study a wide range of topics all about different people and cultures, not just how to speak.
3. You can watch films, listen to songs and read books in different languages - and understand them too!
4. Languages mean business - being able to speak a language will make you really stand out to employers.
5. They're good for you! Speaking more than one language increases your brain capacity, improves your memory and you'll be at less risk of developing Alzheimer's.
6. It's really impressive to be able to speak a foreign language. It's a real achievement that your friends will envy and employers will love!
7. You can understand and talk to lots more people when you go abroad.
8. Using a language at work could raise your salary from 8-20%.
9. Learning languages really improves your communication skills.
10. A language will always be useful no matter what you do.

S3 French and Spanish

The courses in both French and Spanish lead towards the completion of the National 4 Award and from this pupils can progress to National 5 and Higher

Themes we will cover are:-

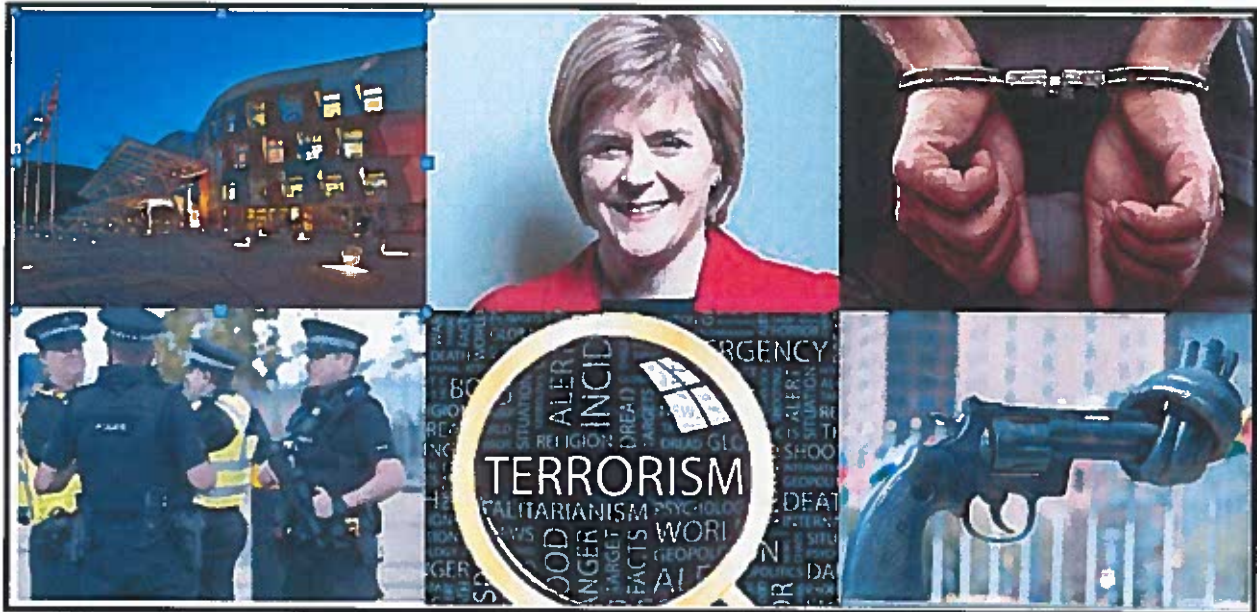
- ❖ Society**
- ❖ Learning**
- ❖ Employability**
- ❖ Culture**

To access the candidates' guide to National 4 and 5 Modern Languages and support materials please log on to the school website

www.smithycroft-sec.glasgow.sch.uk

MODERN STUDIES

Modern Studies will give you the opportunity to examine and investigate the major issues facing Scotland, the UK and the World today. You will develop an awareness of the social and political issues that you will meet throughout your lives.



You will continue to build on the Modern Studies skills that you learned in S1 and S2. For example, the identification of biased and exaggerated viewpoints, recognising different opinions, drawing logical conclusions and making informed decisions. You will also greatly improve your knowledge and understanding of Modern Studies.

Topics covered in S3 include:

- Crime and the law in Scotland
- The role of the police and the courts in Scotland.
- The Scottish Parliament.
- Rights and responsibilities in Scotland.
- Influencing decision making in Scotland.
- The causes of global terrorism.
- How the international community deals with terrorism.

This will lead towards the completion of the National 4 award in Modern Studies and from this pupils can progress to National 5, then Higher.

MUSIC

Music in S3 course aims to further develop performing, composing and listening skills already learned in S1/2, and to encourage pupils of ALL abilities to realise their full musical potential.

WHAT'S INVOLVED?

You will:

- develop your playing and performing skills on TWO instruments and/or Voice
- choose the music you wish to play or sing
- be given the opportunity to show off your performing skills
- create and perform your own music using technology
- gain the required skills for the music industry by using music production software
- listen to a wide range of musical styles from Beethoven to Queen to Lewis Capaldi
- learn how to talk about music using specific music terminology



Work towards National 3, 4 or 5

Progression to Higher and Advanced Higher in Senior School

How will this course help me outside the Music classroom?

In addition to developing Performing, Composing and Listening skills, Music also helps you to develop Skills for Life and for Work:

- Independent learner, focussed, resilient
- Thinking Skills: Applying, analysing, evaluating and creating
- Working with others





Health and wellbeing : Personal learning

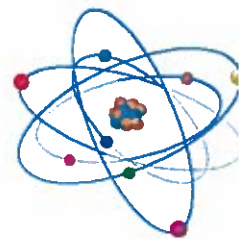
curriculum for excellence



**Smithycroft PE Department
S2 into S3 Course Choice**

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Course: PE | Level: S3: National 4 PE S4: National 5 PE |
| Entry Requirements: <ul style="list-style-type: none">• Excellent behaviour and effort in Core PE• Excellent participation in Core PE• Excellent PE kit record in Core PE | |
| What will this course involve? <ul style="list-style-type: none">• In addition to 3 periods of Core PE, you will receive another 3 periods of PE for National PE.• In S3 – 1 of those periods will be classroom based.• In S4 – 2 of those periods will be classroom based. | |
| What skills will be developed? <ul style="list-style-type: none">• Develop the ability to safely perform a range of movement and performance skills in straightforward contexts• Develop and demonstrate knowledge of factors impacting on performance• Build capacity to perform effectively• Develop approaches to enhance personal performance• Monitor, record, and reflect on performance development | |
| Assessment in S3: National 4 PE <ul style="list-style-type: none">• Learners must pass 7/10 assessment standards in FIP Unit• Learners must provide evidence for assessment from 2 activities• The Added Value Unit consists of a Performance in an activity of the learner's choice. | |
| Assessment in S4: National 5 PE <ul style="list-style-type: none">• Performance - Learners must provide evidence for assessment in 2 activities (30 Marks each)• Portfolio - Learners must demonstrate knowledge and understanding of the performance development process. (60 marks)• The course is graded A-D | |
| Progression Routes: <ul style="list-style-type: none">• Higher PE | |

Physics



The course will encourage you to understand and investigate the world around you. Through taking part in investigative work and discussion, you will develop an understanding of the role of physics in a variety of scientific issues.

In common with other science courses, Physics will also help enhance your ability to think analytically, creatively and independently and to make reasoned evaluations. Opportunities will arise for you to develop an informed and ethical view of topical issues.

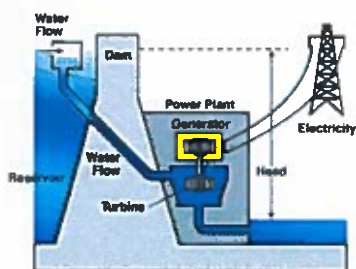
You will continue to develop communication, leadership and collaborative working skills and be able to apply critical thinking in new and unfamiliar contexts to solve problems

Through involvement in a wide range of open-ended experiences, challenges and investigations, pupils will develop skills of critical thinking, problem solving and become a more scientifically literate person.



Topics covered in 3rd year will include: -

- **Kinetic theory of matter**
This will include looking at the relationship between pressure, volume and temperature in terms of particles.
- **Newton's Laws**
Weightlessness, 'force of gravity', mass, weight, terminal velocity, speed and acceleration. These will be looked at from a more mathematical view point.
- **Generation of electricity**
Resistance, current, voltage, energy efficiency, power, distribution of electricity. This will build on work covered in second year.



- **The electromagnetic spectrum**
This will concentrate on radiation that we cannot see. It will deal with different types of waves, their amplitudes, frequencies and speeds.
- **Electronics**
Looking at input and output devices. Building practical circuits.
- **Space exploration** including understanding our universe.

This will lead towards the completion of the National 4 award in Physics and from this pupils, can progress to National 5, Higher then Advanced Higher.

Practical Cookery

This course allows pupils to develop practical skills to use in the work place – The Food and Drink Industry is one of Scotland's biggest employers.

theory once a week, practical twice

The course will have progression onto National 4 & 5 in senior phase.

Cookery Skills and Techniques develops;

- Cookery skills, food preparation techniques and ability to follow cookery processes in the preparation of dishes.
- Ability to work safely and hygienically.



Throughout Understanding and Using learners will;

- Apply their understanding of a range of ingredients.
- Select appropriate ingredients and use them in the preparation of dishes
- Work safely and hygienically.



Organisational skills will allow pupils to;

- Follow recipes and implement a time plan to produce dishes
- Carry out an evaluation of the dishes
- Work safely and hygienically



Written Work

- All assessments have a written element.
- National 4, has 4 written & practical assessments.
- Nat 5 has a practical cooking exam, 2 written tasks which are sent away to be marked and a written exam in the hall – in total a 5.5 hour exam.

RELIGIOUS STUDIES IN S3

Pupils will have an opportunity to build upon their analytical skills and further their understanding of Religious, Moral and Philosophical issues that have been introduced to them during S1 and S2.

Pupils who continue with RMPS after S2 can progress to achieve a National 4 or National 5 qualification.

What value does Religious Moral and Philosophical Studies have?

Along with the chance to further their interest and enthusiasm from the S1 and S2 course, pupils will also develop skills that can be used across other subjects and which are needed in all areas of life. Learners will develop an understanding of key Religious, Moral and Philosophical issues in the world today. Learners will gain an awareness and understanding of religious and social diversity in modern day Scotland, Britain and other parts of the world. This is a useful qualification for many professions.

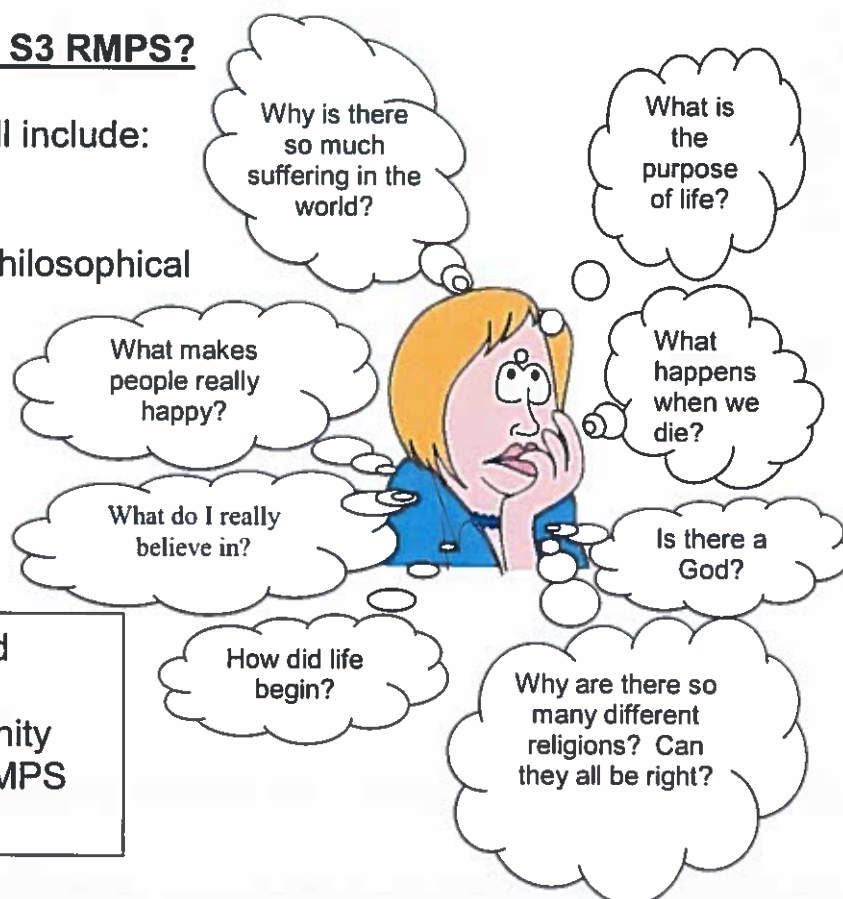
Skills that will be developed:

- ❖ Analyse and evaluate different beliefs.
- ❖ To develop abilities in critical thinking.
- ❖ To further develop knowledge and understanding of the beliefs and values of one of the world's religions: Christianity.
- ❖ To produce an individual investigation on a choice of important and controversial Religious, Moral and Philosophical questions.

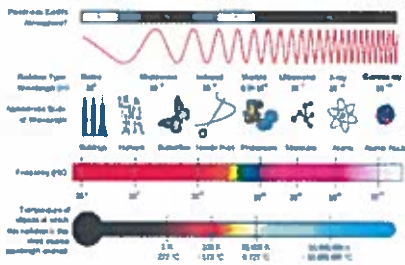
What topics will be covered in S3 RMPS?

Topics covered in this course will include:

- ❖ World Religion.
- ❖ Morality and Belief.
- ❖ Contemporary Religious/Philosophical debates.
- ❖ RMPS individual project.



Pupils who show an interest and aptitude in morality and moral issues will be given the opportunity in S5 and S6 to study Higher RMPS

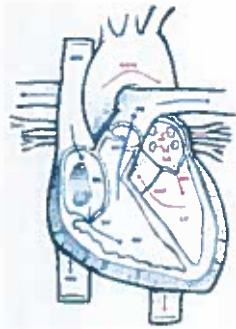


General Science

Science is vital to everyday life and allows us to understand and shape the world in which we live and influence its future. We all need to appreciate the role of science and scientists in meeting society's needs in areas such as medicine, industry, energy, material development, the environment and sustainability.

This appreciation will be achieved through a wide range of investigative tasks to help you to further develop scientific attitudes and knowledge. The course aims to develop your understanding of scientific issues and concepts the application of science in society.

Topics covered in S3 will include



- ❖ Biodiversity and climate change - relationships between plants and animals and how processes that contribute to climate change impact on living things

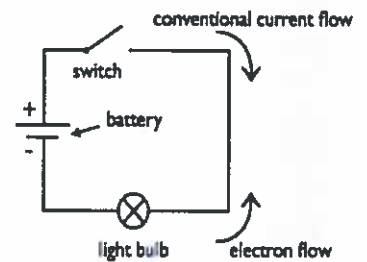
- ❖ Metal extraction and their uses in chemical cells - how we get metals from natural resources and how they can be used to produce electricity

- ❖ Electrical circuits - designing different electrical circuits and their uses in everyday life

- ❖ Health issues - the function of circulatory system in maintaining the health of the individual

- ❖ Agriculture and food production - the use of different types of chemicals in agriculture and their importance

- ❖ Radiation beyond the visible spectrum - applications of radiation in areas such as electronics



This could lead towards the completion of the National 3 or National 4 award in General Science in S4.

S3 LEARNER PATHWAYS

Name _____ Registration Class _____ Pastoral Care Teacher _____

You will study each of the following subjects in S3

ENGLISH (4)

MATHEMATICS (4)

FRENCH (3)

PSE (1)

RMPS (1)

PE (2)

You will also have the opportunity to begin to specialise in each of the curricular areas and you should put a 1 beside your first choice specialism and a 2 beside your second choice specialism in each column. Your Pastoral Care and Parent/Carer will help you in this process.

| SOCIAL SUBJECTS | |
|-----------------|--|
| History | |
| Geography | |
| Modern Studies | |
| | |
| | |
| | |

| SCIENCE | |
|-----------------|--|
| General Science | |
| Biology | |
| Chemistry | |
| Physics | |
| Sports Science | |

| TECHNOLOGY | |
|--------------------------|--|
| Health & Food Technology | |
| Hospitality | |
| Craft Skills | |
| Graphic Communication | |
| Administration | |
| Business Management | |

| EXPRESSIVE ARTS | |
|-----------------|--|
| Music | |
| Art | |
| PE | |
| Drama | |
| | |
| | |

Finally you can choose one final subject from the extra specialist area. You should identify your 1st, 2nd, and 3rd choice.

- Biology Chemistry Physics Hospitality Health & Food Technology History Music
 Craft Skills Graphic Communication Administration Business Management Business Management Music
 Art PE RMPS Spanish Dance

Pupil Signature _____ Parent/Carer Signature _____ Pastoral Care Signature _____