



Craigroyston Community High School

S4 Senior Course Choice Booklet 2017

Information on the Senior Phase in S4

Pupils moving into S4 are moving into the Senior Phase of their education. This is a three year programme of courses where you will build a portfolio of qualifications. This will support you into a positive post school destination at the end of S6. We strongly advise and encourage you to stay on until the end of your S6.

In your S4 choice, you will select the best six subjects (academically and for your career) from your current S3 subjects. We strongly encourage that you continue in these subjects to achieve the highest and best possible grade. You can pick other subjects later in S5 or S6. In S4 you will continue to receive your entitlements of PE, PSE and RE.

At Craigroyston High School, the Senior Phase offers all S4 pupils six National qualifications in English, Mathematics and four subjects of your choosing. Craigroyston High School aims to offer a wide selection of courses. **Sometimes however, the choice available in any one session may be limited by constraints of staffing and accommodation. Courses will also be dependent on a sufficient level of uptake (pupils selecting the subject).**

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Faculty: English and Literacy Department: English and Literacy



Course Name: English

Level: National 4, National 5, (Higher and Advanced Higher)

Description of Course:

The progression from the Broad General Education to the Senior Phase is significant and our aim is to prepare you as fully as possible so that you can achieve your potential.

In S4/5/6 you will have the opportunity to study English at National 4, National 5, Higher or Advanced Higher level.

National 4 is made up of **three** core units of work in which a range of literature will be studied. You will also complete an Added Value Unit and Literacy Unit as part of this qualification. You will be assessed internally so there will be no final external exam.

National 5 has **two** core units of work. You will study a selection of texts, including Scottish literature. In the final exam you will be expected to complete a Reading for Understanding, Analysis and Evaluation paper as well as a Critical Reading paper. The Critical Reading paper will require you to write a critical essay on a chosen text and complete a textual analysis of a Scottish text. There will also be a Writing Folio which will include a broadly discursive essay and a creative or personal piece; these will both be externally assessed by the SQA.

Higher follows the same structure as National 5. There are **two** core units of work and you will continue to develop close reading, textual analysis and essay writing skills. In the exam, like National 5, you will complete a Reading for Understanding, Analysis and Evaluation paper as well as writing a critical essay and analysing a Scottish text. There will also be a Writing Folio which will include an essay which is broadly discursive and a creative or personal piece; these will both be externally assessed by the SQA.

Advanced Higher will give you the opportunity to study the areas of English that you are most interested in. The course is divided into **three** core elements, **two** of which are internally assessed. Two creative writing pieces and a dissertation will be completed in school and at home. In the final exam you will complete an essay about the works of a writer you have studied throughout the year. Advanced Higher requires you to be independent and have a greater knowledge of language. It is a rewarding course that prepares you very well for university.

My Learning

- ***What will be different in the Senior Phase?***

The Senior Phase builds on the skills you have developed throughout the Broad General Education. At the heart of all levels of English lies the study of language and literature, and these are delivered respectively through both language and literary study. Your study of literature will include a novel, drama text and a selection of poetry. You will learn to write critically about these texts and expand your analysis and evaluation skills. Language study will enable you to develop your close reading and writing skills further.

- ***How will I learn?***

Although you will work at a higher level in S5/6 than you have done previously, we find that you learn best if there is a real mixture of learning experiences to engage you in the classroom. For this reason, we like to make the classroom experience as varied as possible and use a range of interactive activities to ensure that you are involved in your learning. You will be required to read independently at home and to keep up to date with home learning activities to consolidate and develop your thinking.

- ***How will I know how I am progressing?***

There will be a range of assessments throughout the year, each giving you a clear indication of how you are performing against the standards you are working within. You will get regular feedback from your teacher to ensure you know what your next steps for improvement are, and formal assessments which you will need to pass as part of the course. National 5, Higher and Advanced Higher candidates will complete a preliminary exam in January.

- ***How can I take this course forward?***

If you have been successful at National 4 you may have the opportunity to progress to National 5. On completion of National 5, it is likely that you will continue on to Higher. There may be the opportunity for further study at Advanced Higher level if you have achieved a grade A or strong B at Higher in S5.

- ***What are the possible career opportunities from this course?***

The importance of English to your future career lies in the skills it develops. The skills you learn through the study of English will prove valuable to employers in any workplace, and are normally an entry requirement for most courses at university or college. Higher English in particular will often be a minimum entry requirement for most university courses.

- ***What will my Home Learning commitment be?***

You will normally be required to undertake at least four hours of independent home study each week as part of your Higher English course, with 1½ hours being the average at National 4 and 5. However, this will be flexible depending on if you have reading to do or an assessment to prepare for. Advanced Higher requires at least ten hours of independent learning.



Course Name: ESOL Level: National 4, National 5 and Higher

Description of Course:

The progression from the Broad General Education to the Senior Phase is significant and our aim is to prepare you as fully as possible so that you can achieve your potential.

ESOL (English for Speakers of Other Languages) is aimed at pupils whose first language is not English.

ESOL will give you the opportunity to develop the skills of reading and writing, listening, and speaking to understand and use English if your first language is not English.

The course will develop language which is essential for learning, life and work and build on your ability to communicate through thoughts and feelings. You will use different media for learning and communication and develop an understanding of how language works and use language to communicate ideas and information in English.

At National 4 the course is made up of three mandatory units: ESOL for Everyday Life, ESOL in Context and an Added Value Unit.

At National 5 you will study two units of work, ESOL for Everyday Life and ESOL in Context.

Higher ESOL has one mandatory unit of work, ESOL for Everyday Life, and two optional units, ESOL in Work-Related Contexts and ESOL in Study-Related Contexts.

This course will be highly beneficial to pupils who want to build their confidence in the use of the English language.

My Learning

• ***How will I learn?***

Although you will work at a higher level in S5/6 than you have done previously, we find that you learn best if there is a real mixture of learning experiences to engage you in the classroom. For this reason, we like to make the classroom experience as varied as possible and use a range of interactive activities to ensure that you are involved in your learning. You will be required to read independently at home and to keep up to date with home learning activities to consolidate and develop your thinking.

• ***How will I know how I am progressing?***

There will be a range of assessments throughout the year, each giving you a clear indication of how you are performing against the standards you are working within. You will get regular feedback from your teacher to ensure you know what your next steps for improvement are, and formal assessments which you will need to pass as part of the course. National 5 and Higher candidates will complete a preliminary exam in January.

- ***How can I take this course forward?***

If you have been successful at National 4 you may have the opportunity to progress to National 5. On completion of National 5, it is likely that you will continue on to Higher.

- ***What are the possible career opportunities from this course?***

The importance of English to your future career lies in the skills it develops. The skills you learn through the study of English will prove valuable to employers in any workplace, and are normally an entry requirement for most courses at university or college. Higher ESOL in particular will often be a minimum entry requirement for most university courses.

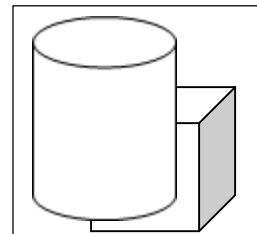
- ***What will my Home Learning commitment be?***

You will normally be required to undertake at least four hours of independent home study each week as part of your Higher ESOL course, with 1½ hours being the average at National 4 and 5. However, this will be flexible depending on if you have reading to do or an assessment to prepare for.

Faculty: Mathematics and Numeracy Department

Course Name: Mathematics

Course Level: National 3/4/5 (Higher)



Description of Course:

Students will cover the necessary numerical and mathematical skills needed to cope with everyday life. Their numerical and informative handling skills will increase to solve real-life problems. They will also enhance their mathematical ideas and strategies that can be applied to planning and organising straight forward aspects in personal life, the workplace and the wider world.

My Learning

- ***What will be different in S4, S5 & S6?***

You will be given the opportunity to increase both your numerical and mathematical knowledge.

- ***How will I learn?***

You will develop skills through independent learning, co-operative learning, investigations, problem solving and use of ICT.

- ***How will I know how I am progressing?***

You will be given a target to achieve and will be aware of progress through, self-evaluation, peer evaluation and monthly meetings with teacher to discuss next steps.

- ***How can I take this course forward into S5/6?***

There are a wide range of qualifications available and you will be coursed according to progress made in S4.

- ***What are the possible career opportunities from this course?***

Numeracy and Mathematics qualifications are important for all careers.

- ***What will my Home Learning commitment be?***

You are expected to complete weekly home learning (2 hours per week) which will be a variety of tasks to consolidate knowledge. Each student should spend one hour completing home learning to a high standard.

Department: EXPRESSIVE ARTS

Course Name: ART & DESIGN NATIONAL 4/5

Description of Course:



On the Art course learners will develop their practical and creative skills, using materials and equipment when developing their ideas. Where appropriate, learners will use iPads to research and develop their ideas and their finished art and design work. Learners will develop a range of problem-solving skills in the context of their expressive and design work and learn how to appreciate the work of artists and designers. Learners will also develop their understanding of the social and cultural factors influencing art and design.

My Learning:

- ***What will be different in S4?***

There will be five lessons a week.

You will complete SQA Units and participate in formal SQA assessments:

Design	Expressive	Course Assessment
You will investigate Design briefs, develop/use problem solving skills to produce various designs, drawings, 3D samples and a final 3D Design solution.	You will investigate, using a variety of media and Art skills to develop compositional ideas and techniques and produce final Expressive 2D or 3D art work.	National 4 Expressive Folio + Design Folio + Final Activity National 5 x2 Portfolios – 160 marks Question Paper – 40 marks

- ***How will I learn?***

You will learn through a variety of active learning tasks and by doing practical work based around your individual portfolios.

Co-operative learning activities are used to develop your writing and evaluating skills.

The use of ICT is used for written work, research and Designing.

- ***How will I know how I am progressing?***

Your work is individually reviewed during an interview with your class teacher.

During a review your portfolio is discussed along with your targets and next steps in learning in conjunction with the school tracking and monitoring system

You will also use peer and self-assessment at the end of lessons to evaluate your work and the work of others.

- ***How can I take this course forward into S5/6?***

National 5, Higher and Advanced Higher Art and Design are offered in S5/6.

Pupils considering Art and Design at Higher and Advanced Higher level should have a good level of English (N5/H).

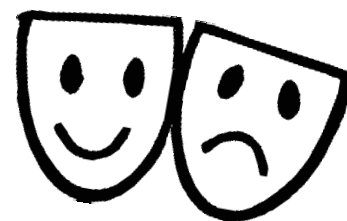
- ***What are the possible career opportunities from this course?***

Art & Design qualifications at National level 4, 5 & Higher can lead to work in Hairdressing, Beauty Therapy, Art Therapy, Graphic Design, Teaching, Photography, Digital Media, Set Design, Animation, Media Studies, Fashion Design, Nursery Nurse, Television, Theatre etc. We also support students with portfolio preparation when applying for further education. Edinburgh and Stevenson College offer a wide range of courses such as Painting, Ceramics, Sculpture and various Design courses. Edinburgh, Dundee, Glasgow and Aberdeen all have Art Colleges that offer an Honours Degree in many aspects of Art & Design.

- ***What will my Home Learning commitment be?***

Pupils will be expected to complete a range of home learning activities on a weekly basis as well as attend supported study to further develop their skills and abilities in the subject. Additional home learning should be expected around the time of prelims and exams.

Department: EXPRESSIVE ARTS
Course Name: DRAMA NATIONAL 4/5



Description of Course:

The Drama course will cover a wide range of topics dealing with all aspects of theatre including devising, acting from script, directing and technical theatre (lighting, sound, props, costume, set). During each unit you will develop skills in creating, presenting and evaluating. The course will also enable you to develop specialised skills in voice, movement, characterisation, technical theatre and directing.

My Learning:

- ***What will be different in S4?***

There will be five lessons a week.

You will complete SQA Units and participate in formal SQA assessments:

Unit 1 - Production Skills	Unit 2 – Drama Skills	Course Assessment
You will explore a range of production skills (lighting, sound, props, set) and use these skills to enhance drama when presenting scripted work.	You will explore and develop a range of drama skills (response to stimuli, devising, characterisation) and ways of communicating thoughts and ideas to an audience.	National 4 Small Scale Production + Folio National 5 Performance 60% Question Paper 40%

- ***How will I learn?***

You will learn through a range of practical and co-operative activities.

You will make use of iPads and ICT regularly throughout the course.

You will work individually, in pairs and as part of large groups.

You will engage in more independent learning and will be expected to self-motivate.

- ***How will I know how I am progressing?***

Practical/written work will be evaluated regularly with clear feedback/next steps given.

Home learning will be returned with targets for improvement.

You will self and peer assess to establish strengths and areas for development.

Tutorials with class teacher after each unit to check progress and set realistic targets – these will be logged on the school's tracking and monitoring system.

- ***How can I take this course forward into S5/6?***

National 5, Higher and Advanced Higher Drama are offered in S5/6.

Pupils considering Drama at Higher/AH level should have a good level of English (N5/H).

- ***What are the possible career opportunities from this course?***

Drama qualifications at National 5 & Higher can lead to work in Acting, Directing, Teaching, Drama Therapy, Set Design, Lighting Design, Sound Design and production, Make Up and Hair Design, Costume Design, Media Studies, Medicine, Law, Film and Television and Dance. We will support you with audition preparation when applying for further education. The Royal Scottish Conservatoire offers a variety of courses with Theatre, Television and Film. Edinburgh College also offer courses in Acting, Directing, Film and Television and Costume and Make up Design.

- ***What will my Home Learning commitment be?***

Pupils will be expected to complete a range of home learning activities on a weekly basis as well as attend supported study to further develop their skills and abilities in the subject. This will include attending rehearsals to ensure practical work is developed thoroughly. Additional home learning should be expected around the time of prelims and exams.

Department: EXPRESSIVE ARTS

Course Name: MUSIC PERFORMING NATIONAL 4/5

Description of Course:



On the Music course you will develop performing skills on two instruments of your choice - you will receive a weekly instrumental lesson on one of these instruments by a visiting specialist. You will have five periods of music each which will be divided evenly between listening, performing and composing activities.

My Learning:

- ***What will be different in S4?***

There will be five lessons a week.

You will complete SQA Units and participate in formal SQA assessments:

Understanding Music		
Listening to and appraising Music from a wide range of styles and within historical, social and cultural contexts.		
Performing Skills	Composing Skills	Course Assessment
Developing practical skills on two instruments/voice. Reflecting on your own and others' performances.	Developing Music literacy skills. Implementing these skills within creative compositional tasks.	National 4 Music Performance Assignment National 5 Performance 60% Question Paper 40%

- ***How will I learn?***

You will be performing individually and working co-operatively in ensemble groups.

You will visit/be visited by professional musicians and evaluate professional performances.

Active learning will take place in all lessons.

You will self and peer evaluate to find out your steps for improvement.

- ***How will I know how I am progressing?***

You can sing/play different styles of music and perform confidently.

You can use technology to compose.

You can identify features in music.

You will discuss with teachers your achievements and steps for improvement.

You will self-evaluate, evaluate your peers and professionals.

You will set yourself targets.

- ***How can I take this course forward into S4?***

National 5, Higher and Advanced Higher Music Performing are offered in S5/6.

- ***What are the possible career opportunities from this course?***

You could be able to study BTech Music, sound engineering, performing or music production courses at Edinburgh College. This course could also help you gain experience for the following careers - Retail & Merchandising, Music production, Record Industry, Radio/Television, PR/Advertising, Education, Theatre, Edinburgh Festival work etc.

- ***What will my Home Learning commitment be?***

Pupils will be expected to complete a range of home learning activities on a weekly basis as well as attend supported study to further develop their skills and abilities in the subject. This includes at least 40 minutes performing on each instrument per week. Additional home learning should be expected around the time of prelims and exams.

Department: EXPRESSIVE ARTS

Course Name: MUSIC TECHNOLOGY NATIONAL 4/5



Description of Course:

This course will provide you with an introduction to Music Technology. You will learn how to use the school's iMacs, recording studio and other portable recording equipment. You will learn the theory behind recording and learn all of the skills needed to produce simple recordings. You will practice these skills through a series of short projects, which may include: producing a soundtrack for a short film/computer game, recording a band in the studio and producing a CD or creating a radio broadcast.

My Learning:

- ***What will be different in S4?***

There will be five lessons a week.

You will complete SQA Units and participate in formal SQA assessments:

Understanding 20 th /21 st Century Music		
You will develop knowledge of different styles of 20 th /21 st century Music.		
Music Tech Skills	Music Tech In Context	Course Assessment
Learning how to use music technology equipment. Learning to effectively mix to create professional sound recording.	Applying your knowledge of music technology to complete a series of coursework tasks.	National 4 Music Technology Assignment National 5 Assignment 70% Question Paper 30%

- ***How will I learn?***

This course will be based mostly around active learning and will be very hands-on.

The course will provide opportunity to allow for personalisation and choice and will allow learners to produce and develop music and sound in ways that are of interest to them. Learners will develop skills in musical analysis in the context of 20th and 21st Music styles and genres.

Learners will use the technology available within the Music department such as the recording studio, iMacs, GarageBand and other apps to create their own pieces of music.

- ***How will I know how I am progressing?***

You will discuss with teachers your achievements and steps for improvement.

You will self-evaluate, evaluate your peers and complete a personal profile.

You will set yourself targets.

- ***How can I take this course forward into S5/6?***

National 5 and Higher Music Technology are offered in S5/6.

Pupils considering Music Tech at Higher level should have a good level of English (N5/H).

- ***What are the possible career opportunities from this course?***

You could be able to study BTech Music, sound engineering, performing or music production courses at Edinburgh College. This course could also help you gain experience for the following careers: Retail & Merchandising, Music production, Record Industry, Radio/Television, PR/Advertising, Education, Theatre, Edinburgh Festival work etc.

- ***What will my Home Learning commitment be?***

Pupils will be expected to complete a range of home learning activities on a weekly basis as well as attend supported study to further develop their skills and abilities in the subject. Additional home learning should be expected around the time of prelims and submission of the SQA coursework.

Department: Health & Wellbeing - Home Economics

Course Name: Hospitality – National 4 and 5

Description of Course:



This course which combines practical and written work. You will develop a range of cookery skills and food preparation techniques. You will also learn planning, organisational and time management skills in hospitality related contexts through its emphasis on safety and hygiene. Due to the different skills required National 4 and National 5 will be 2 different classes and levels will be decided by the staff responsible based on your previous learned skills and experience within the department.

My Learning

- ***What will be different in S4 -6?***

You will develop cookery skills and food preparation techniques and follow cookery processes while you produce dishes. You will develop an understanding of the importance of safety and hygiene and ingredients with their uses. You will also develop the ability to select and use appropriate ingredients in the preparation of dishes.

You will develop planning, organisational and time management skills and an awareness of the key attributes relevant to the Hospitality Industry. You will follow recipes, plan and produce dishes for specified occasions, learn to use seasonal ingredients and will also garnish and evaluate the end product.

- ***How will I learn?***

You will learn in a variety of ways, however, practical work will underpin all aspects of learning. You will work individually to investigate topics such as foods around the world using a wide variety of resources to develop your knowledge. Experimental practical work will be used to illustrate food functions and taste.

- ***How will I know how I am progressing?***

You will check your progress until by completing the units as prescribed. All units must be passed before the Practical assessment can be undertaken. You will be given targets and next steps on a regular basis to keep you on task.

- ***How can I take this course forward into S5/S6?***

Hospitality can be offered at National 4 and 5 levels. You can progress this course at College.

- ***What are the possible career opportunities from this course?***

This course would lead to careers in all areas of Hospitality from Chef to Concierge.

- ***What will my Home Learning commitment be?***

There will be homework tasks to consolidate learning. The majority of the work will be practical where skills will be monitored carefully to ensure you meet the standards required in unit assessments.

Department: Health & Wellbeing - Physical Education

Course Name: Physical Education –National Levels



Description of Course:

This course is a progression for students who have previously shown an understanding of PE through either S3 Curriculum for Excellence, S3 Fast Track course, or by showing commitment to sporting activity both in and out of school.

The course will combine both Practical Performance Units and Written Units looking at factors which impact on sporting performance, and the activities will be varied, and based on levels of student's previous experience. Students will undertake an analysis process that will allow them to look at improving their own performance in the chosen activities.

Knowledge and Understanding lessons and homework are an integral part of this course, which students will be expected to undertake regularly. This will at all times be linked through their practical performance.

Classes and levels will be decided by the PE staff responsible for the course based on your previous learned skills and experience within the department.

The units included for this course are:

1. Performance Skills
2. 2. Performance
3. 3. Factors Impacting on performance

Added Value outcomes:

Nat 4 – Additional Performance

Nat 5 – Portfolio

Higher – Examination

My Learning

- ***What will be different in S4 - 6?***

The course will focus upon students learning about activities and the aspects required to enable them to analyse their own and others performance in order to identify areas and ways to develop various identified aspects of performance.

- ***How will I learn?***

Students will learn through practical involvement in activities, gaining knowledge and understanding about how to prepare their body for performance, the skills required and strategies to enable success. This will be carried out through a variety of methods including active and cooperative learning opportunities.

- ***How will I know how I am progressing?***

Students will be aware of their development through their monthly progress grades which we will award after consultation of their practical performance in class, their home learning return and quality of class work completed.

- ***How can I take this course forward into S5 or S6?***

Students can progress through the course from National 4 onto Higher. Students who complete the Higher in S5 would look to progress their studies at Further Education College later, while being able to participate in Core PE sessions in S6.

- ***What are the possible career opportunities from this course?***

This is beneficial for those going on to further study, especially in the Sport and Leisure areas. Careers within sport, leisure and health promotion industry are possible such as; Sports coach, fitness instructor, leisure centre staff, PE teacher, Sports Scientist, Outdoor education staff.

- ***What will my Home Learning commitment be?***

Approximately 2 hours per week will be the minimum expected throughout the year. Students will be encouraged to participate in physical activity out with school hours to aid and support their development and understanding, especially in areas of analysis and development of performance

Department: Health & Wellbeing - Home Economics

Course Name: Hospitality: Practical Cake Craft – National 5



Description of Course:

Practical Cake Craft is designed for those wishing to acquire cake-baking and cake-finishing skills and to develop and demonstrate innovativeness in these areas. An interest in the creative and artistic aspect of the course would be an important consideration.

My Learning

- ***What will be different in S4 -6?***

Practical Cake Craft is practical and relevant to the world of work. It enables learners to develop a range of artistic techniques and to consolidate them through practical activities. Drawing on all aspects of design, such as shape, colour, texture, balance and precision, learners are given the opportunity to produce a variety of individualised cakes and other baked items, and to creatively interpret a design brief.

- ***How will I learn?***

Practical Cake Craft, which is practical and experiential in nature, develops a range of cake-baking and cake-finishing skills in hospitality-related contexts. It enables learners to:

- Develop technical skills in cake baking
- Develop technical and creative skills in cake finishing
- Follow safe and hygienic working practices
- Develop their knowledge and understanding of cake design and follow trends in cake production
- Acquire and use organisational skills in the context of managing time and resources develop, consolidate and demonstrate creative techniques in the production of cakes and other baked items.

- ***How will I know how I am progressing?***

You will check your progress each week and by completing the units as prescribed. All units must be passed before the final practical assessment can be undertaken. You will be given targets and next steps on a regular basis to keep you on track.

- ***How can I take this course forward into S5/S6?***

Practical Cake Craft can only be offered at National 5 level. You can progress this course at College.

- ***What are the possible career opportunities from this course?***

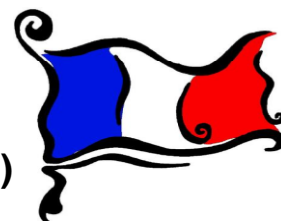
This course would lead to careers in all areas of hospitality, as well as novelty cake decoration or even gain skills and knowledge relevant for the creative Industries.

- ***What will my Home Learning commitment be?***

There will be homework tasks to consolidate learning. The majority of the work will be practical where skills will be monitored carefully to ensure you meet the standards required in unit assessments. Sketching ideas is required and a high level of organisation is required for planning baked items.

Department: Modern Languages

Course Name: French – Nat 4 / Nat 5 (Higher / Advanced Higher)



Description of Course:

When you pick French you will study three main themes over the course. These cover society, learning and careers, and culture. There are a wide range of topics in these themes, for example: relationships, films, future plans, healthy living or travel to other countries.

You will take part in lots of activities such as cooperative groups, computer sessions, teacher-led sessions, language-building games or independent research. You might have the chance to be in touch with pupils in our partner school in France or take part in national contests. By meeting or working with representatives from different companies, you could get a great understanding of how much having a qualification in languages can help you in your career.

My Learning

- ***What will be different in S4-S6?***

This course will build on the knowledge you gained during previous study, extending and developing your skills to a more advanced level. There are two main units which help you gain in confidence and get better at both 'Using Language' and 'Understanding Language.'

- ***How will I learn?***

You will work your way through the course with the help of your teacher, regularly developing all your skills. There will be a number of teacher led sessions but you will also be able to work independently as well as in cooperative groups on different tasks. You will be able to use online resources to help you learn and at Advanced Higher might get the chance to partner up online with students in other schools in Scotland to collaborate on your course.

- ***How will I know how I am progressing?***

You will agree a target with your teacher in September and your teacher will talk to you regularly about your progress. You will take part in peer and self-assessment. There will be a few course assessments which will indicate how you are coping with the work and if ever you are falling behind you will be given lots of help to catch up.

- ***How can I take this course forward?***

You can go straight into National 4 or 5 from S3. The Higher course usually requires a pass at National 5, and in you must pass Higher to proceed to Advanced Higher.

- ***What are the possible career opportunities from this course?***

Do you want to go into Engineering, Politics, Tourism, Teaching, Retail, Journalism, Hospitality, Law, Sport or Game Design, to name just a few? If so, a qualification in a language or two could really work well for you – and many other careers too! French is spoken in over 50 countries and is the official language of a large number of international organisations. A good level of another language also demonstrates that you can communicate well, have a great memory, and that you have knowledge of other people and other cultures beside your own. All employers value these skills. Languages are becoming more and more important – soon Scottish school pupils will pick up their first foreign language in P1 and their second in P5! Studying at a qualification level will help you compete in job markets where languages are more in demand than ever before.

- ***What will my Home Learning commitment be?***

- In Languages, students will receive varied home learning tasks to help them progress. Vocabulary learning is really important and students will get plenty of materials to help them with this and other tasks. A weekly help session is available to all senior pupils.

Department: Modern Languages



Course Name: Spanish – National 3, National 4, National 5 (Higher)

Description of Course:

When you pick Spanish you will study three main themes over the course. These cover society, learning and careers, and culture. There are a wide range of topics in these themes ranging from holidays in Spain to careers that use Spanish, and you will work on topics that are appropriate for your own level.

You will take part in lots of activities such as cooperative groups, computer sessions, teacher-led sessions, language-building games or independent research. There is a lot of team work to help each other progress as for many students in the senior phase this is the first time they have studied Spanish. It could be possible to do a qualification over two years, so don't be put off by not having studied it before – your French learning from S1-S3 will actually help you a lot!

My Learning

- ***What will be different in S4-S6?***

If you have studied any Spanish already, this course will build on the knowledge you gained during previous study, extending and developing your skills to a more advanced level. There are two main units which help you gain in confidence and get better at both 'Using Language' and 'Understanding Language.' If not, you'll be learning a new language using all your existing language skills.

- ***How will I learn?***

You will work your way through the course with the help of your teacher, regularly developing all your skills. There will be a number of teacher led sessions but you will also be able to work independently as well as in cooperative groups on different tasks. You will be able to use online resources to help you learn.

- ***How will I know how I am progressing?***

You will agree a target with your teacher in September and your teacher will talk to you regularly about your progress. You will take part in peer and self-assessment. There will be a few course assessments which will indicate how you are coping with the work and if ever you are falling behind you will be given lots of help to catch up.

- ***How can I take this course forward?***

You can go straight into National 3, 4 or 5 from S3. The Higher course usually requires a pass at National 5.

- ***What are the possible career opportunities from this course?***

Have a look at what it says in the entry for French – learning a language (or two!) can seriously help you get ahead in many careers. Spanish is a world language. It is widely spoken in Europe and the Canary Islands, and is the second language of the USA. In most countries of South America, Spanish is the main language. A good level of another language also demonstrates that you can communicate well, have a great memory, and that you have knowledge of other people and other cultures beside your own. All employers value these skills. Languages are becoming more and more important – soon Scottish school pupils will pick up their first foreign language in P1 and their second in P5! Studying at a qualification level will help you compete in job markets where languages are more in demand than ever before.

- ***What will my Home Learning commitment be?***

In Languages, students will receive varied home learning tasks to help them progress. Vocabulary learning is really important and students will get plenty of materials to help them with this and other tasks. A weekly help session is available to all senior pupils.

Department: Modern Languages

Course Name: German – National 3, National 4, National 5 (Higher)



Description of Course:

When you pick German you will study three main themes over the course. These cover society, learning and careers, and culture. There are a wide range of topics in these themes ranging from TV and film to careers that use German, and you will work on topics that are appropriate for your own level.

You will take part in lots of activities such as cooperative groups, computer sessions, teacher-led sessions, language-building games or independent research. There is a lot of team work to help each other progress as for many students in the senior phase this is the first time they have studied German. It could be possible to do a qualification over two years, so don't be put off by not having studied it before – your French learning from S1-S3 will actually help you a lot!

My Learning

- ***What will be different in S4-S6?***

If you have studied any German already, this course will build on the knowledge you gained during previous study, extending and developing your skills to a more advanced level. There are two main units which help you gain in confidence and get better at both 'Using Language' and 'Understanding Language.' If not, you'll be learning a new language using all your existing language skills.

- ***How will I learn?***

You will work your way through the course with the help of your teacher, regularly developing all your skills. There will be a number of teacher led sessions but you will also be able to work independently as well as in cooperative groups on different tasks. You will be able to use online resources to help you learn.

- ***How will I know how I am progressing?***

You will agree a target with your teacher in September and your teacher will talk to you regularly about your progress. You will take part in peer and self-assessment. There will be a few course assessments which will indicate how you are coping with the work and if ever you are falling behind you will be given lots of help to catch up.

- ***How can I take this course forward?***

You can go straight into National 3, 4 or 5 from S3. The Higher course usually requires a pass at National 5.

- ***What are the possible career opportunities from this course?***

Have a look at what it says in the entry for French – learning a language (or two!) can seriously help you get ahead in many careers. German is especially important for scientists and engineers – did you know 40% of scientists in the U.S.A. recommend the study of German over any other language and in Poland and Hungary the figure is over 70%! A good level of another language also demonstrates that you can communicate well, have a great memory, and that you have knowledge of other people and other cultures beside your own. All employers value these skills. Languages are becoming more and more important – soon Scottish school pupils will pick up their first foreign language in P1 and their second in P5! Studying at a qualification level will help you compete in job markets where languages are more in demand than ever before.

- ***What will my Home Learning commitment be?***

In Languages, students will receive varied home learning tasks to help them progress. Vocabulary learning is really important and students will get plenty of materials to help them with this and other tasks. A weekly help session is available to all senior pupils.

Department: Modern Languages

Course Name: Media National 4, 5



Description of Course:

In this course, I will learn how to work as a film maker, a game concept artist or a journalist. I will study films, video games, television and newspapers. I will understand what professionals do when they plan to create an article, an advertisement, a video game or a film. I will also direct a film, create an advertising poster, and work on concepts for video games.

My Learning

- ***What will be different?***

I will further develop the skills I gained in languages and apply them to the world of Media. (Please note, this course is entirely in English.) I will learn new words that will help me understand the world of TV, gaming, radio and cinema better. I will also create my own film, game concept or advertisement.

- ***How will I learn?***

I will continue to learn actively in a variety of ways, including working individually as well as co-operatively. I will also learn by working with cameras, camcorders, iPads and computers.

- ***How will I know how I am progressing?***

I will be given a chance to show that I understand what goes into the creation of a Media product in two ways. There will be a chance for me to explain in an essay what I have learned and how I can apply it when dealing with a film, advertisement or a video game. I will also create my own Media project based on moving images and/or pictures and concepts.

- ***How can I take this course forward?***

Successfully completing this course means I will have the ability to carry on my studies in Media to the next level.

- ***What are the possible career opportunities from this course?***

Studying Media will increase my chances of employment in the entertainment and information industry. Increasingly, the film and media industry have need for competent creative people, and this course gives me an early start. Having knowledge of Media will help me become more critical and enhance my creativity.

- ***What will my Home Learning commitment be?***

Home Learning in the senior phase will build upon the HL expected in the S3 option. I will continue to have HL on a weekly basis, lasting approximately 45 minutes – vocabulary learning, written work, but above all I will research and make a product based on video games, newspapers, films or TV programmes to illustrate what I have learned in class. In addition to the above, I will be expected to complete part of a research project as Home Learning. This would be an area of interest relating to one of the topics studied in class and I will have several types of resources to help me write a presentation and create a programme or an advertisement.

Department: Social Subjects



Course Name: Geography (National 3 – 5)

Description of Course:

Geography has been identified as an important subject employers look at as it bridges the arts and the sciences. Geography graduates are amongst the most employable people in the competitive job market today.

Geography is the study of people and place. The National 3-5 Geography course is split into four units and covers the following:

- **The Physical Environment** – You will study the formation and processes involved in changing landscapes. Landscapes studied will include coasts and glaciated mountains. Land use, conflict and management will be studied in relation to specific case study areas in the UK. Weather and climate and how it influences these landscapes will also be covered.
- **The Human Environment** – You will study how people around the world interact with our planet. You will look at where people live and why, how settlements have changed over time, farming and food sources in India and the UK and explore the favelas of Brazil.
- **Global Issues** – You will study 2 global issues from the follow options.
 1. Climate change – You will study the causes, effects and management of global climate issues.
 2. Health – You will study world diseases such as AIDs, heart disease and malaria. You will look at causes, spread, impact and management of world diseases.
 3. Environmental Hazards – You will study the causes, impacts and management of earthquakes, volcanoes and tropical storms throughout the world.
- **Added Value Unit / Assignment** – planning and undertaking a research topic of your choice.

National 3 – Independent project on a geographical topic of your choice

National 4 – You will complete an Added Value Unit internally marked by your teacher

National 5 – you will complete an Assignment which will be sent to the SQA to be marked and count 20% towards your National 5 final grade.

My Learning

- ***What will be different in the senior phase?***

You will learn about the physical and human environments and global issues in more depth and have more responsibility for your own learning. Geography candidates will get chance to undertake field work to gather and process their own data for assessment purposes.
- ***How will I learn?***

You will learn through independent work, paired activities and cooperative learning.
- ***How will I know how I am progressing?***

Your grades will be tracked on a monthly basis and discussed with you and your teacher. Your classwork, homework and unit assessments will be recorded, monitored and discussed on a regular basis.

Department: Social Subjects

Course Name: Modern Studies (National 3 - 5)



Description of Course:

The aim of Modern Studies is to develop knowledge and understanding of the modern world we live in and the issues that arise in it. The course is split into 4 main units of work.

- **Democracy in the UK** – You will build up your knowledge and understanding of the UK political system and how it works. You will study ways in which people can participate in politics, devolved powers in the UK, local government structures and the influence pressure groups have on decision making in the UK.
- **Social Issues in the UK** – You will study social issues which impact on day to day life of people living in the UK. There will be a focus on social inequalities and you will focus on issues such as poverty and lifestyles people experience. It also looks at the barriers people face and what is in place to help people within our society.
- **International Issues** – This unit will focus on a current international issue in the world and will look at the causes, impacts and resolutions to the international problem.
- **Added Value Unit / Assignment** - planning and undertaking a research topic of your choice.

National 3 – An independent project on a current topic of your choice.

National 4 – You will complete an added value unit internally marked by your teacher.

National 5 – You will complete an assignment which will be sent to the SQA to be marked and count towards your final qualification grade.

My Learning

- ***What will be different in the senior phase?***
You will study topics in more depth, be responsible for your own learning more and work on extending your written responses.
- ***How will I learn?***
You will learn through independent work, paired activities and cooperative learning.
- ***How will I know how I am progressing?***
Your grades will be tracked on a monthly basis and discussed with you and your teacher. Your classwork, homework and unit assessments will be recorded, monitored and discussed on a regular basis.
- ***How can I take this course forward into S4, 5 and 6?***
Natural progression from the broad general education at the end of S3 into the national qualifications at National 4 or 5 level.

Department: Social Subjects

Course Name: History (National 3 - 5)



Description of Course:

National 3 - 5

I will study 3 topics and complete a written assignment (Added Value Unit)

- The Era of the Great War, 1910–1928
- The Making of Modern Britain 1880-1951
- Red Flag: Lenin and the Russian Revolution 1989-1921
- Added Value Unit: A piece of research work will be undertaken on the topic of the Suffragettes.

My Learning

- ***What will be different in S5/6?***
 - I will study different Scottish, British and European/World topics.
 - I will develop further skills to interpret and evaluate historical source material.
 - I shall be encouraged, with clear direction and guidance, to take increasing responsibility for my own learning.
- ***How will I learn?***

I will be regularly part of co-op learning, actively involved in what I learn, and develop my presenting skills. I shall also use the skills that I have learned in History in other subjects.
- ***How will I know how I am progressing?***

I will develop the skills of extended writing and producing an extended response.
I must talk to my teacher and regularly discuss my progress about how I can improve my learning as well as setting my individual targets.

Department: Social Subjects

Course Name: Religious, Moral and Philosophical Education (Core)

Description of Course:

The course is split up into 3 Units:

- World Religion
- Morality and Belief
- Religious and Philosophical Questions

My Learning

• ***What will be different in the senior phase?***

I will study different religions and the viewpoints of others. I will understand different values and traditions. There will also be greater emphasis on a philosophical approach to moral issues. I will develop my own opinions and apply my knowledge to moral questions.

• ***How will I learn? What skills will I learn?***

On this course, you will develop:

- the ability to critically analyse, reflect on and express reasoned views about religious, moral and philosophical questions and their impact
- a range of skills including investigating religious, moral and philosophical questions and responses, critical analysis, evaluation, and the ability to express detailed, reasoned and well-structured views
- in-depth factual and abstract knowledge and understanding of beliefs, practices and sources related to world religions
- in-depth factual and theoretical knowledge and understanding of religious, moral and philosophical questions and responses to them

• ***How will I know how I am progressing?***

I will talk to my teacher and regularly discuss my progress about how I can improve my learning as well as setting my individual targets. My home learning will be recorded and looked at and discussed on a regular basis.

• ***How can I take this course forward into S4, 5 and 6?***

Natural progression from the broad general education at the end of S3 into a post sixteen framework of topics and skills development.

• ***What are the possible career opportunities from this course?***

A good understanding of people, their beliefs, values and customs should be essential in any career choice but the skills and attitudes fostered in RME/RMPS may be particularly applicable in: Diversity, Journalism, Human Resources, Healthcare, Politics, Social Work, Psychology, Hospitality, Client Care, Law & Order, Teaching, and Travel.

Course Description:

This course has been recently modernised to include the latest information and communications technology (ICT) and introduces you to the role of administration in modern business. The course has 3 areas of study: IT Solutions for Administrators, Communication in Administration and Administrative Practice. Underlying topics throughout are Health and Safety; Security of people, property and information.

My Learning

- ***What will be different in S4/5/6?***

IT Solutions for Administration covers the use of information technology in a modern business environment. You will learn to use the main business software applications – word processing, spreadsheets and database.

Communication in Administration concentrates on the use of ICT to present and communicate information effectively.

Administrative Theory is essential for any business to run smoothly. The topics covered include personal effectiveness, team working, communication methods, customer service and modern working practices.

- ***How will I learn?***

Throughout this course you will have the opportunity to work both independently and with your peers. There will be many opportunities for active learning in the form of role plays, real life administrative activities, case studies and occasional visits or guest speakers. You will be required to use the internet to search for information, identifying reliable sources and use presentation software to present this information effectively. The main form of assessment will be a IT project that you will complete under assessment conditions.



- ***How will I know how I am progressing?***

Individual pupil targets will be set and these will be monitored and reviewed regularly by both you and your teacher. You will be actively encouraged to take responsibility for your own learning, carrying out self-evaluation and setting 'next steps' in order to help you achieve your full potential. Your teacher will also regularly share Good Practice and the Success Criteria with you.

- ***How can I take this course forward into S5/6?***

In S5/6 pupils can further develop their skills at National 5 and Higher.



- ***What are the possible career opportunities from this course?***

The up-to-date skills learned on this course will be particularly useful for those who are interested in a career in the modern business world, especially service industries. Every business however does require administration workers to support their core activities, making this subject valuable for any career path you may choose, in any part of the world. The skills learned will also assist in your success in every other subject at school, college, university and in the workplace.

- ***What will my Homework commitment be?***

Where practical home learning is issued, you will be provided with various opportunities to access IT facilities. You will be given past paper questions to practice regularly at home.

Course Description:

This course is designed to provide learners with the skills, knowledge and understanding needed to understand contemporary business. The course is split into three mandatory units: Understanding Business, Management of People and Finance and Management of Marketing and Operations.

My Learning

- ***What will be different in S4, S5 & S6?***

Understanding Business covers the ways in which organisations in the private, public and third sectors operate. You will analyse and evaluate the impact that the external environment has on an organization's activity and consider the implications of external factors that affect an organisation's decision making.

Management of People and Finance concentrates on the issues facing organisation's in the management of people and finance. You will carry out activities to deepen your understanding of the concepts and procedures used in planning for an organisation's success including leadership, motivation and finance.

Management of Marketing and Operations is essential for any business to run smoothly. The topics covered include procedures used by organisations in order to improve or maintain quality and competitiveness. You will also look at the needs of both internal and external customers.

- ***How will I learn?***

Throughout this course you will have the opportunity to work both independently and with your peers. There will be many opportunities for active learning in the form of role plays, real life business activities, case studies and occasional visits or guest speakers. You will be required to use the internet to search for information, identifying reliable sources and use presentation software to present this information effectively. Your assessment will take the form of a business research project and a written final exam.

- ***How will I know I am progressing?***

Individual pupil targets will be set and these will be monitored and reviewed regularly by both you and your teacher. You will be actively encouraged to take responsibility for your own learning, carrying out self-evaluation and setting 'next steps' in order to help you achieve your full potential.

- ***How can I take this course forward into S5 & S6?***

In S5/6 pupils can further develop their skills at National 5 and Higher.

- ***What are the possible career opportunities for this course?***

The course provides an understanding into the impact businesses have on everyday life, giving you learning experiences which are very topical. It develops skills for learning, life and work which will be extremely useful in the workplace. Many progression routes will be opened up to you including National Qualifications, Higher National Certificates, Higher National Diplomas and degrees in business-related subjects. It may also lead to employment and/or training in various industries.

- ***What will my Home Learning commitment be?***

Throughout S4/5/6 home learning will be issued on a regular basis. This will usually take the form of past paper questions but may also require some business research to be completed.

Course Description:

This course will enable you to develop a range of problem solving skills by using hardware and software to solve a problem. The qualification that you gain at the end of the year will prove necessary when seeking employment or further education.

Computing Science is split into three sections:

- Software Design & Development
- Information Systems Design & Development
- Assessment

National 5 and Higher have an assignment and an external exam. National 4 is internally assessed.

My Learning

- **What will be different in S4, S5 & S6?**

In Software Design & Development you will develop problem solving skills in programming. This will be done mainly through practical tasks. You will also learn how data and instructions are stored in a computer system. The Information Systems Design & Development unit allows you to understand the development of information systems through a range of practical tasks. You will also gain an understanding of technical and legal issues relating to computing science.

- **How will I learn?**

You will learn the theory of Computing Science as well as carry out practical tasks to increase your knowledge of what you are learning.

You will be assessed at the end of each unit by completing a practical task. Once both units have been completed you will then sit your course assignment – a practical task which will allow you to demonstrate the practical skills you have developed in the course.

- **How will I know I am progressing?**

You will be given individual targets which will be set after discussion with your teacher. These will be reviewed monthly by both your teacher and you. It's expected that you will take an active responsibility for your own progress and achieving the success criteria set on each task.

- **How can I take this course forward into S5 & S6?**

All pupils will begin this course at the appropriate level determined by the prior learning in the subject area. Progression will be as follows:

National 4 > National 5 > Higher > Advanced Higher

- **What are the possible career opportunities for this course?**

3D Modelling and Animation	Database Administration	Network Management
Bioinformatics	Games Production Management	Software Engineering
Business Analysis	IT Consultant	Software Programming
Computer Aided Design	IT Help Desk Support	Systems Analysis & Design
Computer Games Programmer	IT Support Services	Systems Development
Computer Games Tester	IT Project Management	Teaching
Computer Hardware Engineering	Multimedia Development	Web Development

- ***What skills will I develop?***

- Problem solving
- Team work
- Numeracy
- Digital Literacy skills
- Literacy
- Research

- ***What will my homework commitment be?***

Throughout the course homework will be issued weekly. This will be a mixture of written and practical based tasks.

Course Description:

Design & Manufacture is an exciting course designed to develop critical skills in creative thinking, problem-solving and practical abilities.

Scotland is often world renowned for design and engineering success. At Craigroyston Community High School Design & Technology department, we are offering pupils the opportunity to get involved in this exciting sector.

Having an understanding of the design process and modern technologies gives students the potential to succeed in an ever more advancing world.

My Learning

- ***What will be different in S4?***

S4 Design and Manufacture will allow you to begin to focus on some key skills required in a modern technological society. You will be given more personal responsibility for the design and production of items; given design challenges where you must combine all your talents, creativity and divergent thinking to design and manufacture commercial quality products. In S4 you will be taught more advanced technological skills and processes that will allow you to express ideas. A can-do attitude is something that will be fostered. The course has three areas that will be assessed at the S4 stage:

Knowledge & Understanding: is assessed in units and at the end of the course in the final external SQA exam for a National 5 award. If completing National 4 you will partake in continual internal assessment. You are expected to answer various design and manufacture questions.

Design Assignment: completed near the end of the course and externally assessed. You will design a product from initial concept through to manufacture.

Final Project: completed after the design folio, the final project allows you to put their practical skills to the test and manufacture their design using modern technology and processes.

- ***How will I learn?***

You will learn how to use a wide range of tools and modern equipment in cutting edge workshops. Projects involving a range of materials - wood, plastics and metals - will be covered in this one year course. You will learn how to manufacture items and how they are produced in industry. You will also develop an understanding of technological impacts on society, environmentalism and product design.

Throughout the course, you will be designing and developing your own product using a design process used by engineers to solve problems – throughout this you will increase your literacy and numeracy skills considerably while also developing confidence to make decisions. You will manufacture your own design using all the skills you have acquired during the course. You will often work in teams using co-op learning and active learning. All units will be based on projects.

- ***How will I know how I am progressing?***

You will be issued with design portfolios where all work is presented. These folios will have a record of progress throughout the course, with suggested steps for improvement. You will have mentor meetings with their Design & Manufacture teacher so learning and progress can be discussed.

- ***How can I take this course forward into S5?***

Design & Manufacture can lead to Higher Design & Manufacture, Graphic Communication at National 5 or Intermediate Practical Craft Skills in S5.

- ***What are the possible career opportunities from this course?***

You could look toward further study and careers in Architecture, Interior Design, Civil Engineering, Modern Apprenticeships, University and many more.

- ***What will my Home Learning commitment be?***

Your Design Assignment will comprise of a design portfolio documenting your design ideas, development and justification which should be complete at school and at home. The design realisation (final product) will require you to use the department facilities to manufacture their idea – any extra time will require lunchtime and after school work in the department.

Course Description:

Graphic communication is an innovative course designed to offer students the opportunity to develop their technical and creative abilities.

Students will learn the 'Three P's of Graphics'; Preparation, Production and Promotional, using a variety of the latest technologies.

My Learning

- ***What will be different in S4, S5 & S6?***

An exciting element of the course involves Computer Aided Design (CAD), and pupils will learn to use the latest industrial software such as Autodesk Inventor and Desktop Publishing software, Pageplus to create a professional presentation that can be used for college, university or employment applications.

- ***How will I learn?***

The course has five areas that are assessed; Final exam, a major design folio plus three independent units.

Product Evaluation: Assessed in a unit and at the end of the course in the final exam. Pupils will learn how to critically analyse products and judge quality.

Designing for People and Manufacture: Assessed in two separate units and at the end of the course in the final exam. Pupils will answer questions regarding professional design and learn skills to create the products of the future.

Design Folio: Completed at the end of the course. Pupils must design and develop a product from a professional brief, using all the skills they develop throughout the year.

- ***How will I know how I am progressing?***

Your teacher will speak to you on a regular basis to discuss your target grades. Your work will be discussed and assessed so that you are aware of your progress.

- ***How can I take this course forward into S5 & S6?***

National 5 can lead to Higher and Higher Graphic Communication can lead to Advanced Higher in S6.

- ***What are the possible career opportunities from this course?***

Successful students could look toward further study and careers in Design Engineering, Graphic Design, Furniture & Interior Design, Automotive Design, Civil Engineering and many more.

- ***What will my Home Learning commitment be?***

Home learning is important and pupils will be provided with all the equipment required to succeed. Home learning will be issued regularly.



Course: Practical Woodworking
Level: National 4 & National 5

Course Description:

Practical Craft Skills is an entry level course to the world of timber construction and basic wood craft skills. A knowledge of how wooden products are manufactured, along with practical skill to make items to given sizes in drawings is vital for anybody keen to work in construction.

My Learning

- ***What will be different in S4/5/6?***

Pupils will learn how to use manual craft tools and traditional skills, along with workshops safety and manufacturing products to given specifications.

- ***How will I learn?***

The course has three units and one course project that are assessed.

Frame Construction: Pupils will discover how to manufacture products with frames using a range of hand tools. Quality and tolerance of construction is vital. Pupils will create a mirror in this unit.

Carcase Construction: Pupils will learn how to manufacture products with carcasses using a range of hand tools. Quality and tolerance of construction is vital. Pupils will produce a CD rack in this unit.

Machine Tools: Pupils will learn how to manufacture products using a range of power tools, including lathes and mortise machines. Quality and tolerance of construction is vital. Pupils will produce a small table in this unit.

Course Project: Completed at the end of the course, pupils must use skills acquired in each of the units to produce this final model.

All units and course project must be completed successfully to get the course award.

- ***How will I know how I am progressing?***

Your teacher will speak to you on a regular basis to discuss your target grades. Your work will be discussed and assessed so that you are aware of your progress.

- ***How can I take this course forward into S5 & S6?***

You can progress on National 5 once you pass National 4.

- ***What are the possible career opportunities from this course?***

Successful students could look toward further study and careers in construction, cabinet making, carpentry or other apprenticeship.

- ***What will my Home Learning commitment be?***

Due to the practical nature of the course, pupils will be expected to use 'home-learning time' in the department at lunch or after school to ensure they get the maximum success from the course.

Faculty: Science Department: Biology

Course Name: Biology Course Level: National 3/4/5 (Higher)



Description of Course:

National 4 Topics: Living Cells, Multi-cellular Organisms, Life on Earth

National 5 Topics: Living Cells, Multi-cellular Organisms, Life on Earth (but more in depth)

Higher Topics: Cell Biology, Genetics and Evolution, Control and Regulation

This course is flexible, in depth, focuses on skills and applying learning in the real world. It concentrates on scientific experiments, scientific language and making informed choices. We provide personalisation and choice within research and experiments.

Our Questions: **How do cells work and how do plants and your body defend themselves?**

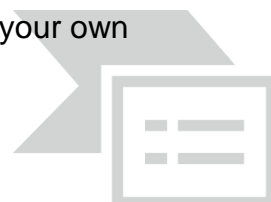
How does your body work?

How does an animal's behaviour help it survive?

My Learning

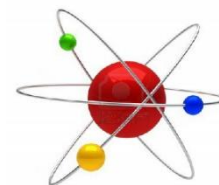


- ***What will be different in S4/5/6?***
You will meet new Biology ideas and explore familiar ones in more depth.
- ***How will I learn?***
You will use active learning and independent learning to investigate living processes.
You will design your own experiments and projects to solve questions you have chosen.
- ***How will I know how I am progressing?***
Feedback from: self-marking, your fellow pupils, homework, quizzes and your teacher.
- ***How can I take this course forward into S5 and beyond?***
You can study National 5 Biology, Higher Biology or Higher Human Biology, these lead to College, University or a career from dental assistant to Nature programme presenter.
- ***What are the possible career opportunities from this course?***
People, animals, or plants.... work with the NHS, nurseries, or caring; sports, fitness, or parks; pets, fish, or flowers - at college, university or business.
- ***What will my Home Learning commitment be?***
National 4/5 Home learning is 1 hour per week, plus revision and any work on your own projects.
Higher Home learning is 2 hours per week, plus revision and any work on your own projects.



Faculty: Science Department: Science

Course Name: Chemistry Course Level: National 3/4/5/Higher



Description of Course:

Chemical changes & Structure: The rate of chemical reactions and what factors affect the rate. We will look at the heat exchange in chemical reactions, then acids and bases (alkalis) and the impact they both have on the environment.

Nature's Chemistry: The range of compounds derived from fossil fuels and the impact on the environment on the transport of those products. Fossil fuels are going to run out, so we need to look at alternatives. Then, everyday consumer products like alcohol, food and drugs.

Chemistry in Society: Metals are a valuable resource, how can we group metals? We will learn how to utilise the properties of metals to create electricity. We look at the production of materials such as plastics and ceramics and investigate their properties. Fertilisers are essential if we are to feed the billions of people on this planet. How can we produce them naturally and synthetically? There is a debate regarding nuclear fuels being a clean fuel – what does this mean?

My Learning

- **What will be different in S4, 5 &6?**

You will have 5 or 6 periods a week, and you will be expected to keep to a schedule of work. Some remote learning would be advantageous.

- **How will I learn?**

Teacher led sessions with a range of experimental work. Pupil centred course material, with opportunities to consolidate. You will use websites for additional study and develop a portfolio of the topics covered.

- **How will I know how I am progressing?**

Each topic is covered by an end of unit test and there will be self-assessment tests within each topic.

- **How can I take this course forward into S5 &6?**

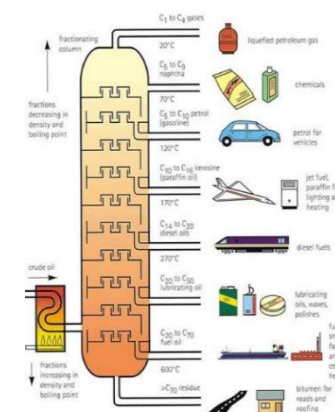
If you are sitting National 4 your next steps would be National 5 then Higher.

- **What are the possible career opportunities from this course?**

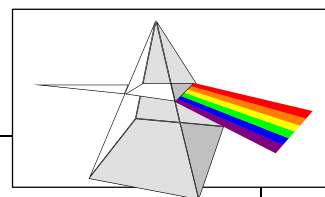
Knowledge of Chemistry would be advantageous to most Industries that use, make, sell or work with substances.

- **What will my Home Learning commitment be?**

You would be expected to keep to the work schedule so this will involve work at home. In addition, there will be a set piece of homework that covers the current topic. There is a Home Learning requirement of 1 hour at National 4 per week, 1h30 at National 5, and 2h at Higher.



Description of Course:



National 4 + 5

Course content

Learners will apply the skills of; scientific inquiry, investigation and analytical thinking, whilst working through the following 3 topics;

The effect of Electricity and Energy on our life,

Waves and Radiation and the implications to society and the environment

Dynamics and Space, looking at current technologies used both in Space and on Earth.

This will be done using a variety of approaches, including practical investigation and problem solving.

Higher

Course content

Learners will build upon their physics knowledge and practical skills. This will be focussed around 3 units;

Our Dynamic Universe – covering topics such as Special Relativity to The Big Bang Theory

Particles and Waves – looking at The Standard Model and the many properties of waves

Electricity – Electrons and energy

My Learning:

- **What will be different in S4, S5 & S6?**
The pace will be faster and you will meet new Physics ideas.
You will look at familiar ideas in more depth.
- **How will I learn?**
Through practical and non-practical work, you will be; Calculating, Problem Solving, Interpreting.
Graphs, Concluding, Evaluating, Investigating and Analysing.
- **How will I know how I am progressing?**
Feedback from self-marking, your fellow pupils, Home Learning, quizzes, presentations, posters, Tests, Techniques and Investigations.



- **How can I take this course forward?**

National 5 Physics leads onto Higher Physics.

- **What are the possible career opportunities from this course?**

Physics is a highly sought after and adaptable subject.

Physics careers include engineering, physiotherapy and architecture. It is used by television and radio technicians, forensic scientists, electricians, dental technicians, computing scientists, and many more.

- **What will my Home Learning commitment be?**

S4/5/6 National 4 Home learning is 1 hour per week, plus revision and any work on your own projects.

S4/5/6 National 5 Home learning is 1h 30min per week, plus revision and any work on your own projects.

S5/6 Higher Home learning is 2 hours per week, plus revision and any work on your own projects.

