Annan Academy

S3

Elective Information Booklet

2024 - 2025

S3 Elective Information — Index

General Information

This booklet details all the electives offered to S3 students. Students will study three electives on a rotational basis (please refer to your option form and/or the information in the S3 Curriculum Booklet).

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What will I learn?

In this course you will learn about the marketing functions of a business and the contribution it makes to the operation of a business. You will be able to:

- describe the role and responsibilities of the marketing departments in organisations

- demonstrate an awareness of the marketing mix

- identify relevant stakeholders in a business enterprise

- develop skills in creating multi-media presentations

How will I learn?

Learning will be developed through an enterprising business project which will culminate in a Dragon's Den style presentation.

Skills Focus

This course supports learners to develop:
- Skills and attitudes for employability

- Positive attitudes to learning through practical experience

- Core skills in Communication, Information Technology &Computational Thinking Skills

- Self-reflection skills to be able to review and improve their learning, by analysing their practical experiences.
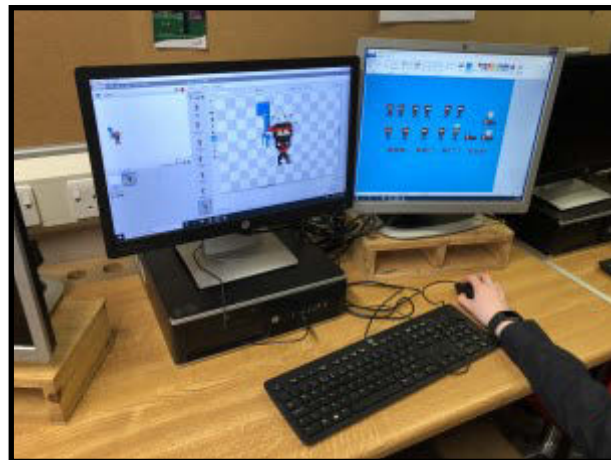
What will I learn?

This course introduces learners to the genres, trends and emerging technologies of the computer games industry. It provides a foundation in techniques that are important to the sector, such as digital planning and design, creation of media assets, and development and testing.

How will I learn?

Practical activities to develop skills in the following digital based areas:

- Animation
-
- Media Assets – Characters, Backgrounds and User Interaction

- Storyboarding

- Programming

Research activities to strengthen knowledge and understanding of:

- Gaming Platforms

- Game Genres .

Skills Focus

This course supports learners to develop:

- Skills and attitudes for employability

- Positive attitudes to learning through practical experience

- Core skills in Communication, Information Technology &Computational Thinking Skills

- Self-reflection skills to be able to review and improve their learning, by analysing their practical experiences.

Contact: Mrs. S. Lemmon (PTc Computing and Business Education)
E-Mail: gw08lemmonshirley@ea.dumgal.sch.uk

What will I learn?

This course provides basic knowledge and skills in data security, digital forensics and ethical hacking and provides a skills pathway into the cyber security industry. It will encourage learners to improve their cyber hygiene and enable them to identify security weakness safely, legally and ethically. They will also help learners to contribute more safely to virtual communities.

How will I learn?

This course is delivered through the following means;

- Internet Research

- Practical Activities

- Using Browser Developer Tools

- Research and assessment of cyber security arrangements at home

Skills Focus

This course supports learners to develop:

- Skills and attitudes for employability

- Positive attitudes to learning through practical experience

- Core skills in Communication, Information Technology, and Problem Solving

- Self-reflection skills to be able to review and improve their learning, by analysing their practical experiences.

Contact: Mrs. S. Lemmon (PTc Computing and Business Education)
E-Mail: gw08lemmonshirley@ea.dumgal.sch.uk
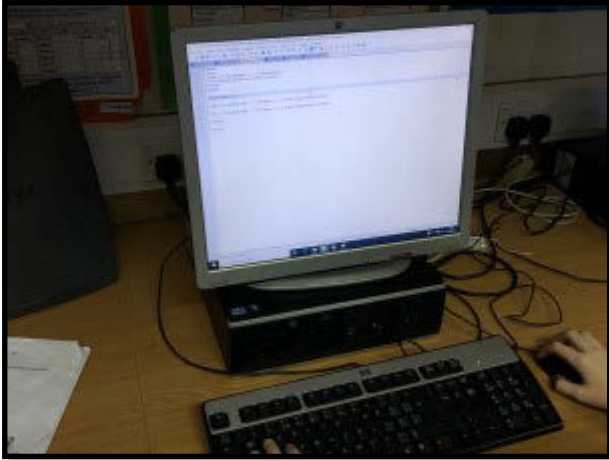
What will I learn?

This course introduces learners to the dynamic, competitive and financial environment of business. It develops skills in presenting business related information, in a variety of formats, to the various stakeholders involved in an Event.

How will I learn?

Learning will be developed through an enterprising business project which will culminate in an Apprentice style presentation.

Skills Focus

This course supports learners to develop:

- Skills and attitudes for employability

- Positive attitudes to learning through practical experience

- Core skills in Communication, Information Technology, and Problem Solving

- Self-reflection skills to be able to review and improve their learning, by analysing their practical experiences.
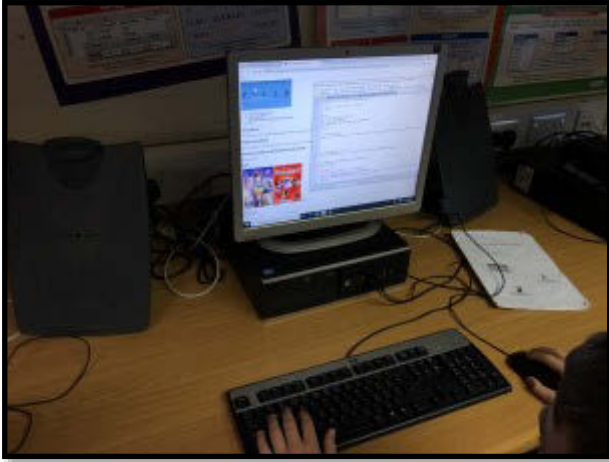
What will I learn?

This course introduces learners to the technical skills (HTML 5, CSS and WireFrames) required to design and create websites, including active links between web pages. There is also a focus on the importance of the website design and development process.

How will I learn?

8 Practical Exercises gradually introducing more complex HTML structure, most common tags, sections, formatting and images.

Assessment - construction of a Website with interlinking pages.

Skills Focus

This course supports learners to develop:

- Skills and attitudes for employability

- Positive attitudes to learning through practical experience

- Core skills in Communication, Information Technology &Computational Thinking Skills

- Self-reflection skills to be able to review and improve their learning, by analysing their practical experiences.

What will I learn?

Pupils will develop important design skills by following a targeted program of 3D paper manipulation. They will also experience a range of paper folding, cutting and embellishing techniques to create 3D fashion maquettes. The course will provide pupils with some of the basic skills required when pursuing a certificated course.

How will I learn?

Pupils will:

- Produce a range of 3D motifs.

- Experiment with a range of folding, cutting and other embellishing techniques.

- Produce pencil studies of these motifs to use in fashion drawings.

- Produce 3D fashion maquettes designs.

- Discuss their progress and make necessary modifications at all stages.

Skills Focus

- Following simple and complex instructions and demonstrations.

- Observed drawing.

- Eye-hand control.

- Media handling.

- Understanding and effective use of 3D space.

- Composing motifs into original fashion designs.

- Working independently and/or as part of a group.

- Critically appraising own work and that of others.

- William Byrd - extract (and slightly adapted)
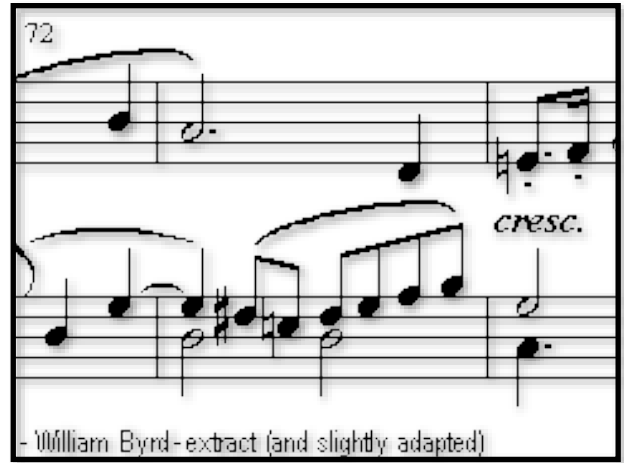
What will I learn?

Developing musical literacy forms a key part of a rounded education for performers, composers and listeners of all kinds. An understanding of how written symbols relate to the elements of music, and having the skills to interpret and translate them into sounds, empowers us to communicate and experience music in a meaningful way.

How will I learn?

Using a variety of activities they will be able to learn and discuss how music is created and notated such as: identifying key signatures, time signatures, note/rest recognition, intervals, dynamics and Italian terms.

On completion of this course pupils could consider taking an external ABRSM theory exam at an appropriate level during the ABRSM exam diet.

Skills Focus

Learners will develop

- a knowledge of the notation of western music, including commonly used signs and terminology

- an understanding of fundamental musical elements such as intervals, keys, scales and chords

- an ability to apply theoretical knowledge and understanding to written music

This course, although open to all with an interest, would be particularly useful for those who wish to study music further as a main subject option in the Senior Phase.

What will I learn?

Costume design and creation.

Make- up design and application.

How will I learn?

- Pupils will take part in workshops and theory based periods. They will be introduced to the production skills of costume and makeup.

- Pupils will be introduced to different resources and equipment exploring and experimenting how they work and how they are applied, or how they can use equipment safely.

- Pupils will engage with each other to prepare designs and will evaluate the application.

Skills Focus

- Pupils will develop a range of design and practical skills and understanding within areas of costume/ make-up for stage.

- Develop a range of creative problem solving within by encouraging pupils to take charge of their own learning and development.

- Pupils will have the opportunity to develop a range of skills such as team working, decision-making, taking responsibility to meet deadlines and communicating effectively with others.

Contact: Mr. J. Brand (PTc Expressive Arts)
E-Mail: gw08brandjames@ea.dumgal.sch.uk

What will I learn?

This course ia aimed at allowing pupils to gain an overview of digital hardware and develop DJ mixing techniques. Using small DJ decks, they will learn about beat detection and looping and will understand how to create and perform a set list of their own tracks.

How will I learn?

- Creating a set list of tracks that they would like top DJ

- Learn to manually cue and mix tracks

- Performing a digital DJ set

- Taking part in sound checks

Skills Focus

- Learning to set up a basic digital DJ system

- Learning and demonstrating digital DJ techniques

- Mastering basic mixing techniques

- Learning to use effects such as Equalisation and Fading

What will I learn?

This Unit requires the learner to apply and integrate skills, knowledge and understanding to plan and carry out a short creative production using music technology. Our objective is to develop audio editing skills and live recording skills using a variety of computer software, loops and short films.

The learner will:

- Use hardware and software to capture audio

- Use appropriate audio input devices and sources

- Apply appropriate microphone placement

How will I learn?

In this Unit, learners will develop skills and techniques relating to the use of music technology hardware and software to capture and manipulate audio. Learners will explore a range of uses of this technology through practical activities. Students will develop audio editing skills through working together and individually. They will experiment with adding sound effects to film, as well as doing a live recording project such as making an advert and a radio broadcast. As part of this, the pupils will be able to experiment with recording and creating their own music, through the use of loops, and real and virtual instruments.

Skills Focus

Skills will include:

- Performance skills, Audio editing skills, Equipment management and the setting up of recording equipment and microphones ready to record live sound

What will I learn?

Lighting application and Sound application

How will I learn?

- **Pupils will engage in workshops and rehearsals. They will create designs that display basic concepts of mood and atmosphere.**

- **Pupils will be introduced to different resources and equipment exploring how they work and how they can be used safely.**

- **Applying knowledge and understanding of equipment and design to a performance.**

- **Pupils will engage with each other to prepare designs and will evaluate the application thereof.**

Skills Focus

- **Students will develop a range of applied design and practical skills and understanding within areas of lighting/sound theatre and developing analytical skills.**
- **Develop a range of creative critical problem solving within lighting/sound by encouraging students to take charge of their own learning and development helping to develop the ability and confidence to work independently**
- **The course endorses the four capacities:**
- **Successful learners through: realisation of design plans; acting upon advice from tutors and peers; communicating effectively and working effectively as part of a team.**
- **Effective contributors through: participating in production meetings; evaluating self and others.**
- **Confident individuals through: decision-making as an individual and as part of a group and taking risks – exploring the potential ideas.**
- **Responsible citizens through: taking care of equipment; taking responsibility to meet deadlines and accepting responsibility if something goes wrong and helping to put it right; consideration of health and safety issues.**

What will I learn?

Pupils will develop knowledge and understanding of observational drawing through the use of line and tone while creating a series of drawings. During these tasks they will also learn about and experiment with a range of appropriate media and techniques.

How will I learn?

- Develop their use of line to show different qualities such as light/dark, thick/thin, wavy/straight etc.
- Develop their use of tone to show the three-dimensional qualities of an object
- Describe depth through the use of tone and scale
- Create 3D forms from 2D shapes and learn the correct terminology
- Analyse and reproduce surface texture through mark making techniques
- Experiment with pencil, colour pencil and fine liner
- Observe and record the shapes and tones of shadows cast by objects
- Evaluate their own work and the work of others

Skills Focus

- Observation

- Hand/eye co-ordination

- Media handling

- Working independently

- Analysing and evaluating

- Listening and speaking

Contact: Mr. J. Brand (PTc Expressive Arts)
E-Mail: gw08brandjames@ea.dumgal.sch.uk

What will I learn?

Pupils will develop basic print marking techniques following a range of observational drawing tasks. The course will provide pupils with a selection of print making formats which can then be used following a certificate course.

How will I learn?

- Create images from a wide variety of sources provided by the teacher.

- Observational drawing in line.

- Observational studies using tone.

- Observational studies using colour / pen and ink.

- Apply the generated imagery through a series of print making formats.

- Discuss their own work and that of others throughout.

- Present the work appropriately for display.

Skills Focus

- Observed drawing

- Eye-hand control

- Media handling

- Understand the sequence of tasks required to produce a print from the range, including Lino cut

- Monoprint, etching, collagraph, styrofoam printing. Basic press printing

- Working independently and as a group.

- Critically appraising own work and that of others

- Health and Safety

Contact: Mr. J. Brand (PTc Expressive Arts)
E-Mail: gw08brandjames@ea.dumgal.sch.uk

What will I learn?

- Identifying key elements of set

- Applying set design to a production

- Creating a scaled model box

How will I learn?

Pupils will engage in practical lessons to try and develop their own set design ideas. They will develop initial sketches for their chosen production based on research and develop these into scaled drawings before constructing their own scale model box sets.

Skills Focus

Students will develop a range of applied design and practical skills and understanding within areas of set design for theatre and developing analytical skills. Develop a range of creative critical problem solving within Set design by encouraging students to take charge of their own learning and development helping to develop the ability and confidence to work independently

Contact: Mr. D. Brown (PTc Physical Education)
E-Mail: gw16browndylan@ea.dumgal.sch.uk

What will I learn?

The aim is that through engaging in this short course learners should begin to develop their technical skills in different genres of dance and increase their knowledge and understanding in the choreographic side of dance through learning the methods that are required in order to compose short dance pieces.

The course will provide learners with the opportunity to develop social relationships, improve their abilities to cooperate and collaborate with others which will be transferrable across many other subjects throughout school.

Success in this course will prepare learners for potential progression onto National Dance courses in S4-6.

How will I learn?

- The technical skills required for Contemporary and Modern Jazz dance genres.

- Choreographic devices that are used to create dance pieces.

- Leadership skills.

- Musicality and creativity.

- Communication and negotiation skills: experience in giving and taking feedback.

- The ability to respond creatively to challenges and how to generate innovative ideas.

Skills Focus

- Learning through spatial, kinaesthetic, visual and verbal/non-verbal modes.

- Enhanced memory through physical patterning and repetition.

- Observation, evaluation, analysis and developing strategies to improve performance.

- Exploring and experimenting.

- Attention and focus.

- Team working and problem solving.
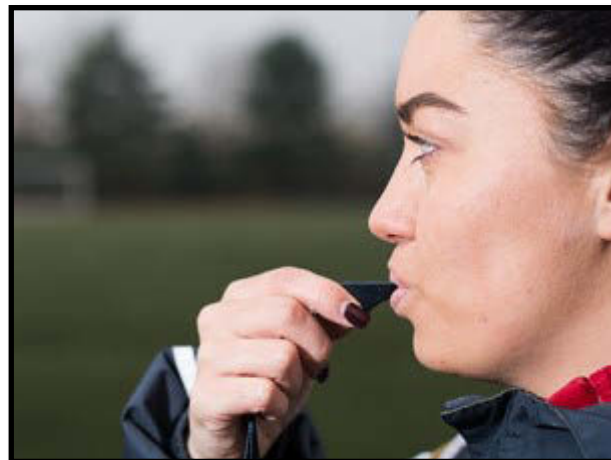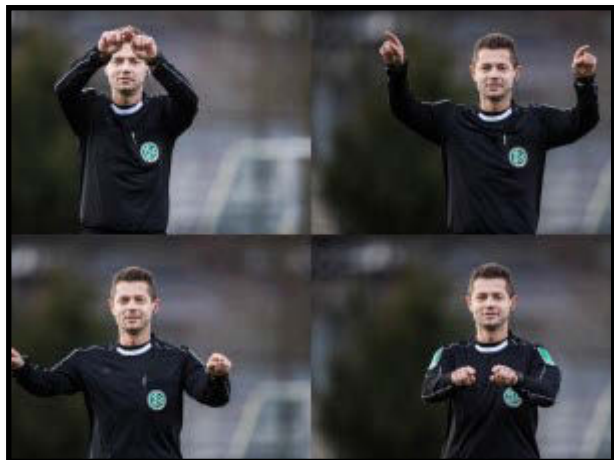
What will I learn?

This course is for anyone interested in learning more about the laws of the game in football. Pupils may have a desire to become a referee or simply increase their understanding of the laws of the game. The 11 weeks will be broken down into learning and understanding the laws of the game and also practical lessons of applying the laws. The aim is that through engaging with the short course learners will become more employable due to the key skills we are developing, more confident in their own abilities and more focussed on their own personal development as a learner in school. After completion of full course pupils will then be able to enter employment where they referee football games and receive match fees.

How will I learn?

- Lesson will be a mixture of classroom based lessons to learn the laws and also watch examples of the laws being implemented.

- Activities will be based on the full referee course ran by the South West of Scotland Referee Association, that pupils can sit when aged 16.

- Pupils will build confidence so that at the end of the course they shall finish with refereeing a game of football within an S1 PE lesson or within one of our primary cluster schools.

Skills Focus

- Communication as a football referee is paramount. Pupils will enhance their ability to listen and share information through active listening, questioning and practical sessions.

- Self- Belief - Building confidence in your own ability through becoming confident, self-motivated and developing a positive attitude towards learning and leading.

- Teamwork - Enabling you to work with others through developing respect for other people you are working with. This is essential if the learner wishes to enter the world of football refereeing.

- Self-Management - Taking responsibility for your actions and doing things to the best of your ability. This is shown through developing accountability, determination, independence and initiative.

- Problem Solving - Understanding the problem and finding solutions. This will be your ability to apply the laws of the game to the game context been played out in front of you. This course will also increase the speed of your decision making which is needed in all areas in life.

Contact: Mr. D. Brown (PTc Physical Education)
E-Mail: gw16browndylan@ea.dumgal.sch.uk

What will I learn?

The aim is that through engaging in this short course learners should begin to develop a deeper understanding of the rules and principles of play within netball. Pupils will learn and understand how they can begin to develop their fitness which has a positive impact on their netball performance. Lastly, pupils will gain a basic understanding of umpiring across the course.

How will I learn?

- Through practical experiences within the games hall and fitness suite.

- This will be interlinked with occasional classroom periods, if necessary.

Skills Focus

- Development of core skills such as teamwork, problem solving and organisation through netball

- Confidence and leadership through umpiring netball games

- Interpersonal skills through working within a team setting

What will I learn?

The course will be based around learners developing key employability skills through planning, leading and evaluating small sports sessions and events within their class.

The 11 weeks will be broken down into short tasks that will aim develop leadership skills and behaviours, using leadership skills and behaviours in a sport setting, types of sports competitions and events, plan, lead and evaluate a small competition or event.

The aim is that through engaging with the short course learners will become more employable due to the key skills we are developing, more confident in their own abilities and more focussed on their own personal development as a learner in school.

How will I learn?

All activities will be practical experiential based within a gym hall.

Activities are all based around group tasks that initially aim to develop communication, self- belief, teamwork, self-management and problem solving.

Activities will begin within a group setting to promote and develop confidence and shall finish within smaller groups (2 or 3) with a culminating task of creating and leading a small event/ competition/ sport session of the learners choosing.

Learners shall then evaluate their small event/ competition/ sport session before learning the importance of reflection and evaluating their work.

Skills Focus

- **Communication -** Your ability to listen and share information through active listening, questioning, leading sessions.

- **Self- Belief -** Building confidence in your own ability through becoming confident, self-motivated and developing a positive attitude towards learning and leading.

- **Teamwork -** Enabling you to work with others through developing respect for other people you is working with. This will also develop integrity, empathy and show you what an inclusive working space is.

- **Self-Management -** Taking responsibility for your actions and doing things to the best of your ability. This is shown through developing accountability, determination, independence and initiative.

- **Problem Solving -** Understanding the problem and finding solutions. This is developing your ability to be creative, analytical, intuitive and rational.

What will I learn?

Do you enjoy writing stories, poems, or plays? Do you like entering writing competitions? Would you like more ideas or opportunities to develop these skills? We will be looking at some of our favourite pieces of writing and learning how to develop our own writing skills in a range of different genres. You can focus on topics or ideas which interest you.

How will I learn?

- Choosing and sharing favourite pieces of writing

- Classroom discussion

- Writing and workshop exercises to get your ideas flowing

- Option to write/publish your own stories, plays, poems or enter a competition

Skills Focus

You will develop creative writing skills.

What will I learn?

Understand how you are being influenced through different types of advertising. You will learn about the role of language, still and moving images, sound and music in advertising texts (TV, film, magazines, posters).

How will I learn?

- Choosing and watching/reading adverts in a range of media (film, TV, magazines, posters)

- Classroom discussion

- Learning about the techniques used to make effective advertising

- Option to creating adverts of your own

Skills Focus

You will develop your skills of analysis, evaluation, inference and persuasion.

What will I learn?

Using film and TV trailers as a starting point learn the basics of reading and the media. You learn about sound, lighting, editing, camera angles and mise-en-scene.
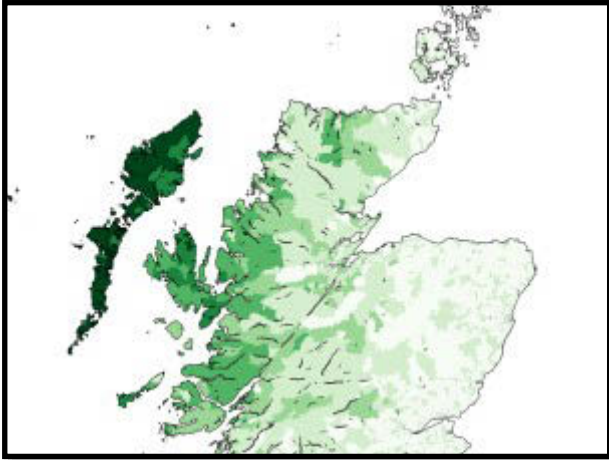
How will I learn?

- Choosing and watching film and TV trailers and clips

- Classroom discussion

- Learning about the techniques used to make effective film and TV

- Option to write film/TV reviews

Skills Focus

You will develop your skills of analysis, evaluation and inference.

What will I learn?

Scottish Gaelic tourist language elective, focussing on tourist language. This will be adapted to take the minoritised language context of Scottish Gaelic into consideration.

How will I learn?

We will use Go Gaelic, a stand-alone, online 1 + 2 resource, and elements on Speaking our Language on Learn Gaelic. We will also draw on extant, in-house Gaelic resources stored on the system. Focus on transactional language, with added cultural elements. We may also dip into the online secondary course Ceumannan.

Skills Focus

We will focus on three skills in this order: Speaking/Listening/Reading. Writing will not be prioritised, due to the focus of the course and initial complications for learners around Gaelic orthography.

Contact: Mrs. H. Dalziel (PTc Languages)
E-Mail: gw11dalzielhazel@ea.dumgal.sch.uk

What will I learn?

Pupils will gain geographical knowledge about the country whilst exploring the culture of Spain through regional food. Pupils will also learn how to order hot and cold drinks as well as ordering food in Spanish.

How will I learn?

- **PowerPoints**

- **Video clips**

- **Web activities**

- **Speaking tasks**

Skills Focus

Knowledge about Spanish culture and Basic Conversational Spanish (transactional tasks)

Contact: Mrs. C. Campbell (PTc Science)
E-Mail: gw08campbellcheryl@ea.dumgal.sch.uk

What will I learn?

In this course pupils will be given the opportunity to learn about a number of practical techniques used in Forensic Science and then be able to apply their skills to solve a crime puzzle.

How will I learn?

Pupils will carry out techniques such as chromatography, finger-print and foot-print analysis, flame tests, microscopy and blood splatter analysis. Most of the work will be of a practical nature however pupils will also have the opportunity to carry out research tasks involving ICT.

Skills Focus

Throughout the course pupils will develop their scientific investigative skills. These involve being able to plan practical investigations, carry out practical procedures safely, record measurements and observations, present data, analyse data to form conclusions and evaluate procedures. In addition to this, pupils will have the opportunity to further develop their numeracy, literacy and ICT skills.

Contact: Miss. L. Russell (PTc Social Subjects)
E-Mail: gw08russelllynne@ea.dumgal.sch.uk

What will I learn?

Pupils will research and study Scottish myths and legends to evaluate the ways they have shaped Scotland's heritage, culture, language and tourist industry. For example pupils will look at the legend of the Loch Ness Monster and how this has become a Scottish symbol.

How will I learn?

Pupils will research different Scottish legends using ICT, look at the impact of these on Scottish society and culture and work collaboratively to bring lesser known examples to the forefront of Scottish folklore.

Skills Focus

The course aims to enhance the following skills;

- Effective research

- Literacy and language

- Listening and talking

- Collaborative working

- Creativity

Contact: Miss. L. Russell (PTc Social Subjects)
E-Mail: gw08russelllynne@ea.dumgal.sch.uk

What will I learn?

This course will study the development of terrorism. We will look at the 9/11 terror attach in 2001, Afghanistan/ Iraq wars and the subsequent fallout.

How will I learn?

Students will learn through a variety of platforms including the use of ICT for research and primary sources including video footage and eyewitness accounts.

Skills Focus

Pupils will have the opportunity to develop their literacy skills. They will also learn how to use research effectively and how to evaluate the authenticity of information.

Contact: Mr. P. Johnston (PTc Technologies)
E-Mail: gw11johnstonpaul3@ea.dumgal.sch.uk

What will I learn?

This short run course offers an introduction into the skills, techniques and the processes involved with creating jewellery. Students will have the opportunity to design and make a piece of jewellery using metal and plastics.

Students will be introduced to ways of working with metal – softening, annealing, piercing and finishing. Students will look at contemporary jewellery designers and themes of interest to them to design and make a piece of jewellery designed by themselves.

How will I learn?

Pupils will learn through various methods of teaching, utilising a combination of hand tools and a range of findings and materials associated with jewellery making.

Students will be taught a range of techniques and then bring together those to create a piece of jewellery that is their own design and unique.

Skills Focus

During this short course students will develop their knowledge and skills of the processes and techniques that are used by a jeweller.

They will develop fine hand making skills and develop their use of jewellery and deepen their knowledge of materials.

They will become more familiar with technical language and processes that are used in the Jewellery industry.

In addition pupils will also improve IT skills, problem solving and communication skills.

This course is a taster that would equip students with skills and knowledge leading on to Level 5 NPA Jewellery skills course.

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