



Craigroyston Community High School

**S2 Inter Disciplinary Learning (IDL)
2017**

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Course Name: ART AND TECHNOLOGIES



Description of Course:

Pupils will use a combination of STEAM skills to produce a folio of 2D and 3D work. By working in groups pupils will have the opportunity to contribute towards a final project using the skills they are most interested in developing.

Possible career opportunities from this course:

Industrial design/engineering, Product Design, Sculpture are possible career pathways. The course will encourage students to develop their understanding of employee responsibilities e.g. self-evaluation skills, flexible approaches to solving problems, adaptability and a positive attitude to change and also the confidence to set goals, reflect and learn from experiences.

How will I learn?

- Active learning through experimenting with new techniques and materials e.g. model making skills and drawing for design
- Co-operative learning through group work.
- Talk by invited guests from Creative Industries/STEAM sector
- Visit to Museum of Scotland
- Students will take on leadership roles in any area of expertise and seek advice from one another and their teachers.
- Students will also develop ICT skills through using iPads

How will I know that I am progressing?

- Peer and self -assessment of sketchbook
- Showcase of the finished product - taking part in exhibitions within the Art and Design display space and/or inclusion in Expressive Arts Showcase.

How can I take this course forward after the year?

Creative thinking and technology skills; use of fine motor, communication and cognitive skills; all contribute towards a successful start in Art & Design, CDT and Science.

Links to any partners:

Leith Puppet Lab workshops, NPL Environmental, St Margaret's House Artists, Museum of Scotland Education Department

Employability skills that will be covered:

Creativity, Leadership, Team Work, Presentation, Listening/Reading/ Writing, Problem Solving

IDL Activity: Young Farmers' Project

Description of Course:

Pupils will study and experience life on a real farm. You will research the lifelines of different animals and the process and production of food.

Timeline: Whole year



Description of Course:

You will learn how to take a product from idea to market. This will involve working cooperatively in teams to develop a product. This will involve each team working across the 3 Technology areas to create your product. Teams will learn how programming and electronics work in Computing. How a product idea can be turned in to reality in Design and Technology. Finally how that product can be marketed and advertised to consumers.

My Learning

What will I learn?

- The stages of Product Development
- Programming
- Product design and build
- Marketing and selling

How will I learn?

This course will enable you to work as part of a group as well as take individual responsibility for specific tasks. It will also allow you to see how each subject area links in to another one.

How will I know I am progressing?

You will meet regularly with your group, discussing and agreeing progress as per your business plan. The group as a whole will be required to meet deadlines set by staff.

What skills will I develop?

- Problem solving
- Literacy
- Numeracy
- Research
- Digital Literacy skills
- Team work
- Creativity
- Responsibility
- Leadership
- Time Management
- Organisation

How can I take this course forward in the future?

Using your transferrable skills you have gained within this course, you are increasing your opportunities to succeed within a variety of subjects. For example, Business Management, Computing Science and Design & Manufacture. As well as linking these skills with other STEM subjects such as Maths and Science.

What career opportunities will this course allow me to move onto?

These transferrable skills are essential for success in any career path.

Experiences & Outcomes

SOC 2-22a	TCH3-07a	TCH3-07b
TCH 3-08b	TCH3-09a	TCH3-13a
TCH 3-14a	TCH3-15a	

Course Title: School of Football

Description of Course:

The course will continue the School of Football course offered in S1/2. The downfall of the programme has been highlighted as the longevity of the course and the transition for pupils from S2 to S3 without School of Football.

What are the possible career opportunities from this course?

Sports Coaching

How will I learn?

Learning Intentions and Success Criteria encapsulating skills for work.

How will I know that I am progressing?

Running portfolio throughout the year and documenting pupils work and achievements through ICT.

How can I take this course forward after the year?

Join Sport and Recreation Sport Leader Group and/or begin coaching/Ref badges.

Links to any partners:

SFA and Spartans.

Employability skills that will be covered:

- | | |
|-------------------|-----------------|
| • Literacy | • Communication |
| • Organisation | • Social |
| • Listening | • Respectful |
| • Time Management | • Leadership |
| • Organisation | • Confident |
| • Set Goals | • Honest |

Experiences and Outcomes that will be delivered:

- HWB 3-15a
- HWB 3-19a
- LIT 3-02a
- TCH 3-04a

Course Title: Citizen Science

Description of Course:

Pupils will sample and monitor the environment outside on the school grounds and in their community and see how it affects the wildlife in the area. There will be an opportunity to build a wildlife garden. Pupils will work for various organisations and the data gathered will be given to the organisations to help them with their work. Activities will include; air and water sampling, wildlife watching, building homes for animals and creating a wildlife garden.

Possible career opportunities from this course:

This course is designed for those who care about wildlife and the environment. Pupils will work with organisations such as Scottish Wildlife Trust, Butterfly Conservation Trust and SEPA, to name a few, and will gain experience on how to monitor and sample wildlife. The course will provide a valuable insight on how to work with wildlife and the environment.

How will I know that I am progressing?

Possibility of gaining a John Muir Award.

How can I take this course forward after the year?

Complete a National 4 and 5 in Biology and Environmental Science in S4 and S5.

Links to any partners:

John Muir, SEPA, Scottish Wildlife Trust, RSPB, SSPCA, Bat Conservation Trust and the Butterfly Conservation Trust.

Course Title: STEM

Description of Course:

You will get the chance to take part in a number of fun hands-on activities, pick up new skills, and learn more about exciting future career paths.

Possible career opportunities from this course:

This is for all those budding Future Scientists out there. STEM involves using your problem solving and thinking skills to solve problems and design fun experiments in Science, Technology, Engineering and Maths. Students are encouraged to get creative with science develop the skills in research, experimental design, analysis and presentation.

How will I know that I am progressing?

Gain silver or bronze CREST awards.

How can I take this course forward after the year?

Complete a National 4 and 5 in Chemistry, Physics or Biology. CREST awards can be used as part of your application for college, university or work.

Course Title: Guide Dogs' Young Volunteers

Description of Course:

You will learn about the work of the charity Guide Dogs and will learn how to fundraise successfully for them. This will involve meeting various speakers from Guide Dogs, such as visually impaired guide dog owners and puppy walkers; working in teams to plan, organise and run fundraising events; and spreading awareness of the work of Guide Dogs and what it is like to live with sight loss. The ultimate goal is as a class to raise enough money to be able to name a puppy!

My Learning: *What will I learn?*

- What work the charity Guide Dogs does.
- What it is like to live with a visual impairment.
- How puppies are trained to become guide dogs.
- How to plan, organise and run fundraising events.
- How to promote awareness of social issues.



How will I learn?

This course will enable you to work as part of a group as well as take individual responsibility for specific tasks.

How will I know I am progressing?

You will work towards fundraising targets in groups. These targets will be decided upon as a class at the beginning of the year. You will demonstrate your learning through creating informative materials that outline what it is like to live with a visual impairment. Your individual work will be tracked in a log book which you will discuss with the teacher.

What skills will I develop?

- | | |
|-------------------|---------------------------|
| • Literacy | • Research skills |
| • Numeracy | • Digital Literacy skills |
| • Teamwork skills | • Presentation skills |
| • Organisation | • Leadership |
| • Time Management | |

How can I take this course forward in the future?

Using your transferrable skills you have gained within this course, you are increasing your opportunities to succeed within a variety of subjects. For example, English, Business Management, and Modern Studies.

What career opportunities will this course allow me to move onto?

This course would be excellent for anyone interested in a career in events management or a career in the charity sector. It would also be useful for anyone who wishes to work with animals or with people who have disabilities. However, these transferrable skills are essential for success in any career path.

Experiences & Outcomes

HWB 3-10a HWB 3-13a

LIT 3-04a LIT 3-06a LIT 3-14a

MNU 3-03a MNU 3-09a MNU 3-09b

Course Title: Community Matters

Description of Course:

This course will take as our subject the community that we live in and the ways in which we can shape it to meet our communities needs going forward. With a focus on Muirhouse, Pilton, Granton and Drylaw we will look at the post-war developments and consider the social and political challenges the community faces. We will ask questions about the past to inform our thinking about the future. We will investigate how and where we can make changes to improve our community by meeting with community members and gaining a broader understanding of the role of local government, social enterprise, business development and community organising. We will find out more about the people in our community through engaging in oral history projects and interviewing people of interest in the areas of culture, politics, business, and social services. Throughout the course we will publish a blog called “Community Matters” which will chart our learning and our interests through research reports, audio files of oral histories and interviews, maps, charts, photo essays and videos.



Course Title: Craigroyston Gives Back (Charity Committee)

Description of Course:

The course will enable pupils to raise money for their chosen charities and get involved in humanitarian work. Pupils will lead on the planning and running of charitable events such as bake sales and sponsored events. Here is a chance for you to give back!

What are the possible career opportunities from this course?

- fundraiser jobs
- administrators
- project workers
- care work
- counselling work
- events planning



How will I know that I am progressing?

Running log book throughout the year documenting pupil's research on charities as well as the planning and running of fundraising events.

How can I take this course forward after the year?

There will be opportunities to become involved in volunteering through the Senior Phase.

Employability skills that will be covered:

- Communication
- Organisation
- Respect and Tolerance
- Time Management
- Compassion
- Set Goals

Experiences and Outcomes that will be delivered:

I understand that people can feel alone and can be misunderstood and left out by others. I am learning how to give appropriate support. HWB 3-08a / HWB 4

Representing my class, school and/or wider community encourages my self-worth and confidence and allows me to contribute to and participate in society. HWB 3-12a / HWB 4-12a

I can budget effectively, making use of technology and other methods, to manage money and plan for future expenses. MNU 3-09b

When I engage with others I can make a relevant contribution, ensure that everyone has an opportunity to contribute...I can respond in ways appropriate to my role, exploring and expanding on contributions to reflect on, clarify or adapt thinking. LIT 4-02a

Course Title: PHOTOGRAPHY



Description of Course:

Learners must have a keen interest in photography or creative digital media and will develop knowledge and understanding in practical photography.

Possible career opportunities from this course:

Photography can lead into career paths such as wedding or portraiture photography, landscapes or other areas. Learners who have successfully completed SQA qualifications in Photography may also go on to do HND level Photography courses and then continue their studies to BA Honours degree level at Art College.

How will I learn?

- The course is made up of a practical photographic portfolio.
- You will have the opportunity to explore digital photography techniques.
- You will be given a brief to work from and create your own personalised portfolio of photographs.

How will I know how I am progressing?

- You will create your portfolio based around a design brief.
- You will use a learning log to record progress and your next steps in learning will be discussed with you continually through an individual review process.
- You will also do continuous self and peer evaluations to increase your creativity and improve your portfolio's.

How can I take this course forward after the year?

Creative thinking and technology skills; familiarity with animation software; improved computer skills; use of fine motor, communication and cognitive skills; all contribute towards a successful start in Art & Design and ICT National 4.

Links to any partners:

North Edinburgh Arts

Employability skills that will be covered:

Creativity, Leadership, Team Work, Presentation, Listening/Reading/ Writing, Problem solving, ICT