

## Curricular Audit - Coltness High School 2018

### Health & Wellbeing

Through contributing my views, time and talents, I play a part in bringing about positive change in my school and wider community

**HWB 3-13a (PHSE Lessons/Class Competitions)**

I recognise that each individual has a unique blend of abilities and needs. I contribute to making my school community one which values individuals equally and is welcoming place for all

**HWB 3/4-10a (Litter campaign)**

### Sciences

I have explored how different materials can be derived from crude oil and their uses. I can explain the importance of carbon compounds in our lives.

**SCN 4-17a (Pupils may examine the decomposition rates of plastics and other carbon compounds and how these contribute to problems of waste storage (landfill) and the permanence of some forms of litter.)**

I can monitor the environment by collecting and analysing samples. I can interpret the results to inform others about levels of pollution and express a considered opinion on how science can help to protect our environment.

**SCN 4-18a (Surveys and analysis of litter within the school grounds or local community can lead to an awareness of local pollution levels and elicit suggested approaches to minimising the problem from pupils.)**

### Expressive Arts

I can use and combine the visual elements and concepts to convey ideas, thoughts and feelings in expressive and design work.

**EXA3-03a (Working with sustainable and recycled materials)**

I have experimented with a range of media and technologies to create images and objects, using my understanding of their properties.

**EXA 3-02a (Taking/developing pictures)**

### Interdisciplinary/ Developing the Young Workforce/Extra-curricular

I am gaining understanding of the relevance of my current learning to future opportunities. This is helping me to make informed choices about my life and learning.

**HWB 3-19a (Visit to Recycle Centre)**

I am investigating different careers/occupations, ways of working, learning and training paths. I am gaining experience that helps me recognise the relevance of my learning to my future life.

**HWB 4-20a (Collaborative work with NLC)**

### Social Studies

I can explain why a group I have identified might experience inequality and can suggest ways in which this inequality might be addressed.

**SOC 3-16a (Survey compilation & Analysis)**

I can discuss the environmental impact of human activity and suggest ways in which we can live in an environmentally responsible way.

**SOC 3-08/4-08 (Course work- Group/class discussions)**

## Topic: Litter

### Languages

I enjoy creating texts of my choice and I am developing my own style. I can regularly select subject, purpose, format and resources to suit the needs of my audience

**LIT 3-20a (Posters, letters, Reports)**

To help me develop an informed view, I am learning about the techniques used to influence opinion and how to assess the value of my sources, and can recognise persuasion.

**LIT 3-08 (Presenting to Classes)**

### Mathematics

I can work collaboratively, making appropriate use of technology, to source information presented in a range of ways, interpret what it conveys and discuss whether I believe the information to be robust, vague or misleading

**MNU 4-20a (Compiling/Analysing Survey)**

When analysing information or collecting data of my own, I can use my understanding of how bias may arise and how sample size can affect precision, to ensure that the data allows for fair conclusions to be drawn

**MTH 3-20b (Analysis of litter surveys)**

## Curricular Audit - Coltness High School 2018

### Topic: **Biodiversity**

#### Social Studies

Having investigated processes which form and shape landscapes, I can explain their impact on selected landscapes in Scotland, Europe and beyond.

**SOC 3-07a (BGE geography lessons)**

I can identify the possible consequences of an environmental issue and make informed suggestions about ways to manage the impact.

**SOC 3-08a (BGE geography lessons)**

I can develop my understanding of the interaction between humans and the environment by describing and assessing the impact of human activity on an area.

**SOC 4-10a (BGE geography lessons)**

#### Religious & Moral Education

I can apply philosophical enquiry to explore questions or ethical issues.

**RME 4-09e (debate on biodiversity e.g. gm crops, decline of honeybees)**

#### Mathematics

I can use a variety of methods to solve number problems in familiar contexts, clearly communicating my processes and solutions.

**MNU 3-03a (graphs, tables, biodiversity survey)**

#### Technologies

I can identify the costs and benefits of using technologies to reduce the impact of our activities on the environment and business.

**TCH 3-07a (costing of materials to provide insect hotels, bee baths, bird houses, beehives)**

#### Expressive Arts

I have continued to experiment with a range of media and technologies, handling them with control and assurance to create images and objects. I can apply my understanding of the properties of media and of techniques to specific tasks.

**EXA 4-02a (posters and power point presentations)**

**Interdisciplinary/  
Developing the Young  
Workforce/Extra-  
curricular**

**Eco and gardening  
club/ beekeeping  
group**

#### Languages

I can persuade, argue, evaluate, explore issues or express an opinion using a clear line of thought, relevant supporting detail and/or evidence.

**LIT 3-29a (Presentations and projects)**

#### Sciences

I can sample and identify living things from different habitats to compare their biodiversity and can suggest reasons for their distribution.

**SCN 3-01a (BGE science course/ biodiversity survey)**

I understand how animal and plant species depend on each other and how living things are adapted for survival. I can predict the impact of population growth and natural hazards on biodiversity.

**SCN 4-01a (BGE Science course)**

I have collaborated on investigations into the process of photosynthesis and I can demonstrate my understanding of why plants are vital to sustaining life on Earth.

**SCN 3-02a(BGE science course and experiments)**

Through investigating the nitrogen cycle and evaluating results from practical experiments, I can suggest a design for a fertiliser, taking account of its environmental impact.

**SCN 4-03a(BGE Science course and experiments)**

I can explain some of the processes which contribute to climate change and discuss the possible impact of atmospheric change on the survival of living things.

**SCN 3-05b(BGE Science course and experiments)**

#### Health & Wellbeing

I am developing the skills and attributes which I will need for learning, life and work. I am gaining understanding of the relevance of my current learning to future opportunities. This is helping me to make informed choices about my life and learning.

**HWB 3-19a (learning about sustainability and buying fairtrade products)**

I understand and can demonstrate the qualities and skills required to sustain different types of relationships.

**HWB 3-44b/HWB 4-44b (Working with new people across the community)**

## Curricular Audit - Coltness High School 2018

### Topic: **School Grounds**

#### Health & Wellbeing

I am aware of the need to respect personal space and boundaries and can recognise and respond appropriately to verbal and non-verbal communication.

**HWB 0-45b / HWB 1-45b / HWB 2-45b / HWB 3-45b / HWB 4-45b (Working with others in the garden)**

I am learning to assess and manage risk, to protect myself and others, and to reduce the potential for harm when possible.

**HWB 0-16a/HWB 1-16a/HWB 2-16a/HWB 3/4-16a (Know how to use garden equipment safely. Know which plants can be harmful)**

#### Religious & Moral Education

I am developing my understanding of Scotland's religious diversity within Christianity and of the place of religion in society.

**RME 3-03b (Work with a variety of different people)**

#### Mathematics

When considering how to spend my money, I can source, compare and contrast different contracts and services, discuss their advantages and disadvantages, and explain which offer best value to me.

**MNU 3-09a (purchase of equipment and plants for the garden)**

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

**MNU 3-09b (Used spreadsheet to show income and outcome.)**

#### Technologies

I can explore the properties and performance of materials before justifying the most appropriate material for a task.

**TCH 3-10a (Look at types of materials for building planters, pathways, etc)**

**Interdisciplinary/  
Developing the Young  
Workforce/Extra-  
curricular**

**Gardening club and  
eco group have been  
set up.**

#### Languages

I can communicate in a clear, expressive manner when engaging with others within and beyond my place of learning and can independently select and organise appropriate resources as required.

**LIT 4-10a (When working in the garden I can communicate effectively with my peers)  
(Letters and emails were written when communicating with outside agencies)**

#### Expressive Arts

I have experimented with a range of media and technologies to create images and objects, using my understanding of their properties.

**EXA 3-02a (Posters were created, garden designs)**

#### Sciences

I have propagated and grown plants using a variety of different methods. I can compare these methods and develop my understanding of their commercial use.

**SCN 4-02a (plants were grown in the classroom/greenhouse and were transferred to the outside planters.)**

Through investigations and based on experimental evidence, I can explain the use of different types of chemicals in agriculture and their alternatives and can evaluate their potential impact on the world's food production.

**SCN 3-03a (BGE Science Course)**

#### Social Studies

I can discuss the sustainability of key natural resources and analyse the possible implications for human activity.

**SOC 4-08a (Looking at the best type of plants to grow in our garden)**

Having evaluated the role of agriculture in the production of food and raw material, I can draw reasoned conclusions about the environmental impacts and sustainability.

**SOC 4-09a (Looked at the effect of fertilisers on crop growth)**