

Eco-Schools Curricular Maps - Seven Elements

The series of 'Outcome Maps' in this document suggest how Early Level outcomes within Curriculum for Excellence (CfE) may be delivered through experiences arising from the Seven Elements of the Eco-Schools Scotland Programme.

Eco-Schools Scotland commissioned experienced teachers to select outcomes they felt appropriate for each topic.

Please note:

- The selected outcomes for each Map are advisory – teachers may reject or add outcomes which they consider more appropriate to the context in which they plan to teach.
- Eco-Schools 'Outcome Maps' are for guidance purposes only, are not exhaustive and should not be viewed as limiting.
- The first map illustrates how closely the Seven Elements of the Eco-Schools Programme match core outcomes from CfE
- Each subsequent topic map is accompanied by a header which suggests possible 'lead curricular areas'. Again these are open to debate and amendment by teachers.
- While similar in format not all Maps are identical – topics such as Health and Wellbeing are so closely related to Eco-Schools topics that almost all outcomes are relevant.
- Each outcome is normally quoted in full along with its relevant CfE code.
- Following piloting with teachers we have added a commentary in italics to some outcomes to explain their inclusion within an outcome map or suggest a possible teaching context. Linking 'arrows' on some topic maps highlight the opportunities for interdisciplinary learning across curricular areas.

Early Level

ECO
COMMITTEE



Eco-Committee

Health and Wellbeing

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 0-12a**

Through contributing my views, time and talents, I play a part in bringing about positive change in my school and wider community. **HWB 0-13a**

In everyday activity and play, I explore and make choices to develop my learning and interests. I am encouraged to use and share my experiences. **HWB 0-19a**

Literacy

As I listen and talk in different situations, I am learning to take turns and am developing my awareness of when to talk and when to listen. **LIT 0-02a**

I listen or watch for useful or interesting information and I use this to make choices or learn new things. **LIT 0-04a**

To help me understand stories and other texts, I ask questions and link what I am learning with what I already know. **LIT 0-07a**

Within real and imaginary situations, I share experiences and feelings, ideas and information in a way that communicates my message. **LIT 0-09a**

ENVIRONMENTAL
REVIEW



Environmental Review

Literacy

As I listen and talk in different situations, I am learning to take turns and am developing my awareness of when to talk and when to listen. **LIT 0-02a**

I use signs, books or other texts to find useful or interesting information and I use this to plan, make choices or learn new things. **LIT 0-14a**

ACTION
PLAN



Action Plan

Literacy

As I play and learn, I enjoy exploring interesting materials for writing and different ways of recording my experiences and feelings, ideas and information. **LIT 0-21b**

Social Studies

I explore and appreciate the wonder of nature within different environments and have played a part in caring for the environment. **SOC 0-08a**

Within my everyday experiences and play, I make choices about where I work, how I work and who I work with. **SOC 0-18a**

Technologies

To help care for the environment, I reduce, re-use and recycle the resources I use. **TCH 0-06a**

MEASURING**Measuring****Numeracy and Mathematics**

I am aware of how routines and events in my world link with times and seasons, and have explored ways to record and display these using clocks, calendars and other methods.

MNU 0-10a

I have experimented with everyday items as units of measure to investigate and compare sizes and amounts in my environment, sharing my findings with others. **MNU 0-11a**

Mathematics I can use the signs and charts around me for information, helping me plan and make choices and decisions in my daily life. **MNU 0-20c**

Literacy

I enjoy exploring events and characters in stories and other texts, sharing my thoughts in different ways. **LIT 0-19a**

Technologies

I understand that sequences of instructions are used to control computing technology.

TCH 0-14a

COMMUNITY**Community****Literacy**

Within real and imaginary situations, I share experiences and feelings, ideas and information in a way that communicates my message. **LIT 0-26a**

Social Studies

Social Studies In real-life settings and imaginary play, I explore how local shops and services provide us with what we need in our daily lives. **SOC 0-20a**

**ECO
CODE****Eco-Code****Expressive Arts**

Inspired by a range of stimuli, and working on my own and/or with others, I can express and communicate my ideas, thoughts and feelings through musical activities. **EXA 0-18a**

Literacy

Literacy and English As I listen and take part in conversations and discussions, I discover new words and phrases which I use to help me express my ideas, thoughts and feelings.

LIT 0-10a

First Level

ECO
COMMITTEE



Eco-Committee

Health and Wellbeing

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 1-12a**

Through contributing my views, time and talents, I play a part in bringing about positive change in my school and wider community. **HWB 1-13a**

Literacy

Through taking part in a variety of events and activities, I am learning to recognise my own skills and abilities as well as those of others. **HWB 1-19a** When I engage with others, I know when and how to listen, when to talk, how much to say, when to ask questions and how to respond with respect. **LIT1-02a**

As I listen or watch, I am learning to make notes under given headings and use these to understand what I have listened to or watched and create new texts. **LIT 1-05a**

I can show my understanding of what I listen to or watch by responding to and asking different kinds of questions. **LIT 1-07a**

When listening and talking with others for different purposes, I can exchange information, experiences, explanations, ideas and opinions, and clarify points by asking questions or by asking others to say more. **LIT 1-09a**

I can convey information, describe events or processes, share my opinions or persuade my reader in different ways. **LIT 1-28a / LIT 1-29a**

ENVIRONMENTAL
REVIEW



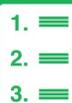
Environmental Review

Literacy

When I engage with others, I know when and how to listen, when to talk, how much to say, when to ask questions and how to respond with respect. **LIT 1-02a**

Using what I know about the features of different types of texts, I can find, select, sort and use information for a specific purpose. **LIT 1-14**

ACTION
PLAN



Action Plan

Literacy

I am learning to use my notes and other types of writing to help me understand information and ideas, explore problems, generate and develop ideas or create new text. **LIT 1-25a**

Social Studies

Social Studies I can consider ways of looking after my school or community and can encourage others to care for their environment. **SOC 1-08a**

I have participated in decision making and have considered the different options available in order to make decisions. **SOC1-18a**

Technologies

Throughout all my learning, I take appropriate action to ensure conservation of materials and resources, considering the impact of my actions on the environment. **TCH 1-06a**

MEASURING



Measuring

Numeracy and Mathematics

I can use a calendar to plan and be organised for key events for myself and my class throughout the year. **MNU 1-10b**

I can estimate how long or heavy an object is, or what amount it holds... then measure or weigh it using appropriate instruments and units. **MNU 1-11a**

Mathematics Using technology and other methods, I can display data simply, clearly and accurately by creating tables, charts and diagrams, using simple labelling and scale. **MTH 1-21a**

Literacy

To help me develop an informed view, I can recognise the difference between fact and opinion. **LIT 1-18a**

COMMUNITY



Community

Literacy

I enjoy creating texts of my choice and I regularly select subject, purpose, format and resources to suit the needs of my audience. **LIT 1-20a**

Social Studies

I have developed an understanding of the importance of local organisations in providing for the needs of my local community. **SOC 1-20a**

ECO
CODE



Eco-Code

Expressive Arts

Inspired by a range of stimuli, and working on my own and/or with others, I can express and communicate my ideas, thoughts and feelings through musical activities. **EXA 1-18a**

Literacy

Literacy and English I can present my writing in a way that will make it legible and attractive for my reader, combining words, images and other features. **LIT 1-24a**

Second Level

ECO
COMMITTEE



Health and Wellbeing

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 2-12a**

Opportunities to carry out different activities and roles in a variety of settings have enabled me to identify my achievements, skills and areas for development. **HWB 2-19a**

Social Sciences

I can investigate the features of an election and the work of representatives at a local, national or European level to begin to develop my understanding of how democracy works. **SOC 2-18a** *Peer election.*

By experiencing the setting up and running of a business, I can collaborate in making choices relating to the different roles and responsibilities and have evaluated its success. **SOC 2-22a** *Business roles adopted within committee*

Literacy

As I listen or watch, I can make notes, organise these under suitable headings and use these to understand ideas and information and create new texts, using my own words as appropriate. **LIT 2-05a**

I can show my understanding of what I listen to or watch by responding to literal, inferential, evaluative and other types of questions, and by asking different kinds of questions of my own. **LIT 2-07a**

When listening and talking with others for different purposes, I can: share information, experiences and opinions, explain processes and ideas, identify issues raised and summarise main points or findings, clarify points by asking questions or by asking others to say more. **LIT 2-09a**

ENVIRONMENTAL
REVIEW



Environmental Review

Literacy

When I engage with others, I can respond in ways appropriate to my role, show that I value others' contributions and use these to build on thinking. **LIT 2-02a**

Using what I know about the features of different types of texts, I can find, select and sort information from a variety of sources and use this for different purposes. **LIT 2-14a**

ACTION
PLAN



Action Plan

Literacy

I can use my notes and other types of writing to help me understand information and ideas, explore problems, make decisions, generate and develop ideas or create new text. **LIT 2-25a**

By considering the type of text I am creating, I can select ideas and relevant information, organise these in an appropriate way for my purpose and use suitable vocabulary for my audience. **LIT 2-26a**

Social Studies

I can discuss the environmental impact of human activity and suggest ways in which we can live in a more environmentally responsible way. **SOC 2-08a**

Technologies

I can analyse how lifestyles can impact on the environment and Earth's resources and can make suggestions about how to live in a more sustainable way. **TCH 2-06a**

MEASURING



Measuring

Measuring

Numeracy and Mathematics

I can use and interpret electronic and paperbased timetables and schedules to plan events and activities, and make time calculations as part of my planning. **MNU 2-10a**

I have carried out investigations and surveys, devising and using a variety of methods to gather information and have worked with others to collate, organise and communicate the results in an appropriate way. **MNU 2-20b**

COMMUNITY



Community

Literacy

I am developing confidence when engaging with others within and beyond my place of learning. I can communicate in a clear, expressive way. I am learning to select and organise resources independently. **LIT 2-10a**

I enjoy creating texts of my choice and I regularly select subject, purpose, format and resources to suit the needs of my audience. **LIT 2-20a**

Health and Wellbeing

Through contributing my views, time and talents, I play a part in bringing about positive change in my school and wider community. **HWB 2-13a**

ECO
CODE



Eco-Code

Expressive Arts

Inspired by a range of stimuli... I can express and communicate my ideas, thoughts and feelings through musical activities. **EXA 2-18a**

Literacy

I consider the impact that layout and presentation will have and can combine lettering, graphics and other features to engage my reader. **LIT 2-24a**

Third Level

ECO
COMMITTEE



Eco-Committee

Health and Wellbeing

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**

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**

Literacy

When I engage with others, I can make a relevant contribution, encourage others to contribute and acknowledge that they have the right to hold a different opinion. I can respond in ways appropriate to my role and use contributions to reflect on, clarify or adapt thinking. **LIT 3-02a**

As I listen or watch, I can make notes and organise these to develop thinking, help retain and recall information, explore issues and create new texts, using my own words as appropriate. **LIT 3-05a**

I can independently select ideas and relevant information for different purposes, organise essential information or ideas and any supporting detail in a logical order, and use suitable vocabulary to communicate effectively with my audience. **LIT 3-06a**

I can show my understanding of what I listen to or watch by commenting, with evidence, on the content and form of short and extended texts. **LIT 3-07a**

When listening and talking with others for different purposes, I can: communicate information, ideas or opinions, explain processes, concepts or ideas identify issues raised, summarise findings or draw conclusions. **LIT 3-09a**

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**

ENVIRONMENTAL
REVIEW



Environmental Review

Literacy

When I engage with others, I can make a relevant contribution, encourage others to contribute and acknowledge that they have the right to hold a different opinion. I can respond in ways appropriate to my role and use contributions to reflect on, clarify or adapt thinking. **LIT 3-02a**

Using what I know about the features of different types of texts, I can find, select, sort, summarise, link and use information from different sources. **LIT 3-14a**

ACTION
PLAN



Literacy

I can use notes and other types of writing to generate and develop ideas, retain and recall information, explore problems, make decisions, generate and develop ideas or create original text. By considering the type of text I am creating, I can independently select ideas and relevant information for different purposes, and organise essential information or ideas and any supporting detail in a logical order. I can use suitable vocabulary to communicate effectively with my audience. **LIT 3-26a**

Social Studies

I can identify the possible consequences of an environmental issue and make informed suggestions about ways to manage the impact. **SOC 3-08a**

I can discuss the extent to which my choices and decisions are influenced by the ways in which I am informed. **SOC 3-17b**

Technologies

I can make suggestions as to how individuals and organisations may use technologies to support sustainability and reduce the impact on our environment. **TCH 2-07a**

MEASURING



Measuring

Numeracy and Mathematics

I can solve problems by carrying out calculations with a wide range of fractions, decimal fractions and percentages, using my answers to make comparisons and informed choices for real life situations. **MNU 3-07a**

I can solve practical problems by applying my knowledge of measure, choosing the appropriate units and degree of accuracy for the task and using a formula to calculate area or volume when required. **MNU 3-11a**

Mathematics I can display data in a clear way using a suitable scale, by choosing appropriately from an extended range of tables, charts, diagrams and graphs, making effective use of technology. **MTH 3-21a**

COMMUNITY



Community

Literacy

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**

Social Studies

I can use my knowledge of current social, political or economic issues to interpret evidence and present an informed view. **SOC 3-15a**

ECO
CODE



Eco-Code

Literacy

I can consider the impact that layout and presentation will have on my reader, selecting and using a variety of features appropriate to purpose and audience. **LIT 3-24a**

Fourth Level

ECO
COMMITTEE



Eco-Committee

Health and Wellbeing

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

Through contributing my views, time and talents, I play a part in bringing about positive change in my school and wider community. **HWB 4-13a**

Literacy

When I engage with others I can make a relevant contribution, ensure that everyone has an opportunity to contribute and encourage them to take account of others' points of view or alternative solutions. I can respond in ways appropriate to my role, exploring and expanding on contributions to reflect on, clarify or adapt thinking. **LIT 4-02a**

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**

ENVIRONMENTAL
REVIEW

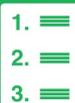


Environmental Review

Literacy

As I listen or watch, I can make notes and organise these to develop thinking, help retain and recall information, explore issues and create new texts, using my own words as appropriate. **LIT 4-05a**

ACTION
PLAN



Action Plan

Literacy

I can use notes and other types of writing to generate and develop ideas, retain and recall information, explore problems, make decisions, or create original text. I can make appropriate and responsible use of sources and acknowledge these appropriately. **LIT 4-25a**

<p>MEASURING</p> 	<p>Measuring</p> <p>Literacy I can persuade, argue, evaluate, explore issues or express and justify opinions within a convincing line of thought, using relevant supporting detail and/or evidence. LIT 4-29a</p> <p>Health and Wellbeing Based on my interests, skills, strengths and preferences, I am supported to make suitable, realistic and informed choices, set manageable goals and plan for my further transitions. HWB 4-19a</p> <p>Sciences 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</p> <p>Having selected scientific themes of topical interest, I can critically analyse the issues, and use relevant information to develop an informed argument. SCN 4-20b</p>
<p>COMMUNITY</p> 	<p>Community</p> <p>Technologies I can examine a range of materials, processes or designs in my local community to consider their environmental, social and economic impact. TCH 4-06a</p>
<p>ECO CODE</p> 	<p>Eco-Code</p> <p>Expressive Arts I can use my chosen vocal and/or instrumental skills to improvise and compose, showing developing style and sophistication. EXA 4-17a</p>