



Eco-Schools Curricular Maps - Early Level

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 and Ten Topics 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.





Seven Elements - Early 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 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

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

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

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

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

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





Litter & Waste Topic: Early Level



Social studies (People. past events and societies)

• I have explored how people lived in the past and have used imaginative play to show how their lives were different from my own and the people around me. SOC 0-04a Shopping in the past, packaging

Social studies (People, place and environment)

- I explore and appreciate the wonder of nature within different environments and have played a part in caring for the environment. SOC 0-08a Litter in the past and now – differences- Packaging. Litter spoils our environment. Where does our rubbish go?
- By exploring my local community, I have discovered the different roles people play and how they can help. SOC 0-16a People who help us: street cleaners, binmen, litter wardens

Social studies (People in society, economy and business)

- I make decisions and take responsibility in my everyday experiences and play, showing consideration for others. SOC 0-17a Litter monitors
- Within my everyday experiences and play, I make choices about where I work, how I work and who I work with. SOC 0-18a If I am messy I must clear up.

Health and Wellbeing (Mental, emotional, social and physical wellbeing)

- 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** Litter spoils our surroundings it. We clear it up safely
- 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 Dangerous litter- used needles, broken glass etc; danger to wildlife

Health and Wellbeing (Food and health)

 I explore and discover where foods come from as I choose, prepare and taste different foods. HWB 0-35a Fairtrade, food miles, packaging

Technologies (Technological developments in society and business)

• To help care for the environment, I reduce, re-use and recycle the resources I use. **TCH 0-06a** Why we recycle and what happens to it. Reuse paper, reduce water consumption, reduce energy usage by switching lights and TVs off

Literacy (Reading)

 I enjoy exploring and choosing stories and other texts to watch, read or listen to, and can share my likes and dislikes. LIT 0-11b There are many books with Eco-themes

Literacy (Listening and Talking)

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





Climate Action Topic: Early Level



Social studies (People, place and environment)

• I explore and appreciate the wonder of nature within different environments and have played a part in caring for the environment. SOC 0-08a Looking after a garden or natural space in the school grounds.

Social studies (People, place and environment)

• I have experimented with imaginative ways such as modelling and drawing, to represent the world around me, the journeys I make and the different ways I can travel. SOC 0-09a I can show different ways I can travel that are more environmentally friendly.

Social studies (People in society, economy and business)

• 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 I am beginning to see a difference between what we need and what we would like in our daily lives. I value the people and resources that create goods and services and paying a fair price. I notice ethical logos for consumers e.g. Fair Trade, Rainforest Alliance

Health and Wellbeing (Social wellbeing)

 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

Health and Wellbeing (Physical wellbeing)

• I know and can demonstrate how to travel safely. **HWB 0-18a** *I* can travel safely and sustainably e.g. a walking bus, safe walking routes, scooting

Languages (Organising and using information)

Within real and imaginary situations, I share experiences and feelings, ideas and information in a way
that communicates my message. LIT 0-26a Sharing experiences and feelings about the natural world
and hopes for a safe future.

Mathematics (Data and analysis)

 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 Recognising signs on recycling bins. Tally graphs to monitor progress of actions.

Sciences (Biodiversity and interdependence)

• I have observed living things in the environment over time and am becoming aware of how they depend on each other. SCN 0-01a I am alive too and I depend on other plants and animals e.g. for food and air to breathe.

Sciences (Topical science)

I can talk about science stories to develop my understanding of science and the world around me.
 SCN 0-20a I can talk about the climate emergency and severe weather events such as floods and wildfires.

Religious and moral education (Values and issues)

As I play and learn, I am developing my understanding of what is fair and unfair and the importance
of caring for, sharing and cooperating with others. RME 0-02a Sharing with people in other places,
younger people or people yet to come by taking Climate Action e.g. careful use of resources and
taking care of the soil and the natural world.





Biodiversity Topic: Early Level



Social Studies (People, place and environment)

- I explore and discover the interesting features of my local environment to develop an awareness of the world around me. SOC 0-07a
- I explore and appreciate the wonder of nature within different environments and have played a part in caring for the environment. SOC 0-08a Litter picks, make habitats for hedgehogs/bees/birds, butterfly farms, wormeries

Social Studies (People in society, economy and business)

• 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 Visit a local farm/market garden/garden centre/plant nursery

Literacy (Listening and Talking)

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

Literacy (Writing)

I enjoy exploring and playing with the patterns and sounds of language and can use what I learn. LIT
 0-20a Listen to info. on plants, animals and record by drawings

Expressive Arts (Art and Design)

 Inspired by a range of stimuli, I can express and communicate my ideas, thoughts and feelings through activities within art and design. EXA 0-05a Biodiversity/being outdoors as inspiration

Numeracy and Mathematics (Shape, position and movement)

• I have had fun creating a range of symmetrical pictures and patterns using a range of media. MTH 0-19a Symmetry in butterflies, snowflakes, flower petals and animal prints or tracks.

Sciences (Planet Earth)

- I have observed living things in the environment over time and am becoming aware of how they
 depend on each other. SCN 0-01a Observe a class pet over a period of time / observe bees feed
 from flowers / caterpillars eating leaves / birds eating seed
- I have helped to grow plants and can name their basic parts. I can talk about how they grow and what I need to do to look after them. SCN 0-03a

Sciences (Biological systems)

• I can identify my senses and use them to explore the world around me. SCN 0-12a Outdoor learning – listening to birds sing, smelling flowers, feeling tree bark







Health and Wellbeing (Mental, emotional, social and physical wellbeing)

 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 Saving energy- taking message home

Technologies (Technological developments in society and business)

- I enjoy playing with and exploring technologies to discover what they can do and how they can help us. TCH 0-05a What types of energy do technologies use?
- To help care for the environment, I reduce, re-use and recycle the resources I use. TCH 0-06a To reduce energy use in the class and at home

Literacy (Listening and Talking)

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

Numeracy and Mathematics (Information handling)

- I can collect objects and ask questions to gather information, organising and displaying my findings in different ways. MNU 0-20a Sort appliances for different energy use .Draw. Which use more energywhy
- I can match objects, and sort using my own and others' criteria, sharing my ideas with others. MNU 0
 -20b As above. How can we save energy?

Science (Planet Earth)

I have experienced, used and described a wide range of toys and common appliances. I can say
'what makes it go' and say what they do when they work. SCN 0-04a The energy from batteries is
changed to give sound, movement, light or heat

Science (Forces, electricity and waves)

I know how to stay safe when using electricity. I have helped to make a display to show the
importance of electricity in our daily lives. SCN 0-09a Electricity is a type of energy





Food & the Environment: Early Level



Social Studies (People, place and environment)

• I explore and appreciate the wonder of nature within different environments and have played a part in caring for the environment. SOC 0-08a Grow foods in a garden, care for the garden by adding compost and making compost. Explore the different environments of the grass, the soil, the compost heap

Social Studies (People in society, economy and business)

• By exploring my local community, I have discovered the different roles people play and how they can help. SOC 0-16a Food producers, processors and retailers

Health and Wellbeing (Food and Health)

I explore and discover where foods come from as I choose, prepare and taste different foods. HWB 0
 -35a Foods from different plants and animals and how they get to shops, different parts of plants as foods

Technologies (Food and textile technology)

- I enjoy exploring and working with foods in different contexts TCH 0-04a
- I enjoy playing with and exploring technologies to discover what they can do and how they can help us. TCH 0-05a Refrigeration, cooking, gardening tools, kitchen tools

Numeracy and Mathematics (Number, money and measure)

- I am developing a sense of size and amount by observing, exploring, using and communicating with others about things in the world around me. NMU 0-01a How big is an apple? Can I eat a whole one? What about a melon? How many seeds are inside? What is the biggest or smallest seed I have seen?
- I can share out a group of items by making smaller groups and can split a whole object into smaller parts. NMU 0-07a Share a punnet of raspberries with everyone in the room. Divide an apple into halves and quarters
- 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 NMU 0-10a Mealtimes through the day. What time of year do we plant out seeds? What time of year are crops ready to harvest? What time of year does the soil rest?

Sciences (Planet Earth)

- I have observed living things in the environment over time and am becoming aware of how they
 depend on each other. SCN 0-01a Food comes from living things. Animals eat food and plants don't
- I have helped to grow plants and can name their basic parts. I can talk about how they grow and what I need to do to look after them. SCN 0-03a *Grow bean sprouts*.

Religious and moral education (World religions selected for study)

• I am becoming aware of the importance of celebrations, festivals and customs in religious people's lives. RME 0-06a Celebrations with special food e.g. Christmas, Easter, Fasting/Abstinence





Global Citizenship Topic: Early Level



Social Studies (People, past events and societies)

• I have explored how people lived in the past and have used imaginative play to show how their lives were different from my own and the people around me. SOC 0-04a What was life like when Gran was young?

Social Studies (People, place and environment)

- I explore and appreciate the wonder of nature within different environments and have played a part in caring for the environment. SOC 0-08a Conservation issues e.g. polar bears, pandas
- I have experimented with imaginative ways such as modelling and drawing, to represent the world around me, the journeys I make and the different ways I can travel. SOC 0-09a Children of other lands

Health and Wellbeing (Mental, emotional, social and physical wellbeing)

- As I explore the rights to which I and others are entitled, I am able to exercise these rights appropriately and accept the responsibilities that go with them. I show respect for the rights of others.
 HWB 0-09a Sharing and taking turns. Looking after my and others belongings. We are Global Citizens
- 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 Responding to charity appeals
- I am becoming aware of how cleanliness, hygiene and safety can affect health and wellbeing and I
 apply this knowledge in my everyday routines such as taking care of my teeth. HWB 0-33a We have
 basic necessities but children in poorer countries don't

Health and Wellbeing (Food and Health)

I explore and discover where foods come from as I choose, prepare and taste different foods. HWB 0
 -35a Supporting Fairtrade, food miles, local produce

Literacy (Listening and talking)

 I enjoy exploring events and characters in stories and other texts, sharing my thoughts in different ways. LIT 0-01c Stories of children in other countries

Literacy (Listening and Talking)

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

Sciences (Planet Earth)

- I have observed living things in the environment over time and am becoming aware of how they
 depend on each other. SCN 0-01a Cutting down plants/trees affects not only the trees but the
 animals that depend on them
- I have helped to grow plants and can name their basic parts. I can talk about how they grow and what I need to do to look after them. SCN 0-03a Grow various plants

Religious and moral education (World religions selected for study)

- I am becoming aware of the importance of celebrations, festivals and customs in religious people's lives. RME 0-06a
- I am developing respect for others and my understanding of their beliefs and values RME 0-07a
 Sharing and caring





Health & Wellbeing Topic: Early Level



Social Studies (People in society, economy and business)

- By exploring my local community, I have discovered the different roles people play and how they can help. SOC 0-16a People who help us
- Within my everyday experiences and play, I make choices about where I work, how I work and who I work with. SOC 0-18a
- 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 Topic on people who help us, interview some of them

Health and Wellbeing (Mental, emotional, social and physical wellbeing)

- I am aware of and able to express my feelings and am developing the ability to talk about them.
 HWB 0-01a Together time/ circle time
- I know and can demonstrate how to keep myself and others safe and how to respond in a range of emergency situations. HWB 0-17a Being careful. Fire drills. Visit from Emergency Services/School Nurse.

Health and Wellbeing (Physical education, physical activity and sport)

- I am enjoying daily opportunities to participate in different kinds of energetic play, both outdoors and indoors. HWB 0-25a
- I know that being active is a healthy way to be. HWB 0-27a
- I can describe how I feel after taking part in energetic activities and I am becoming aware of some of the changes that take place in my body. HWB 0-28a

Health and Wellbeing (Food and Health)

- Together we enjoy handling, tasting, talking and learning about different foods, discovering ways in
 which eating and drinking may help us to grow and keep healthy. HWB 0-30a Making smoothies, fruit
 salad. What are healthy foods.
- Together we enjoy handling, tasting, talking and learning about different foods, discovering ways in which eating and drinking may help us to grow and keep healthy. HWB 0-30a Experimenting with different foods. Taste tests. Water – brain power
- I am becoming aware of how cleanliness, hygiene and safety can affect health and wellbeing and I apply this knowledge in my everyday routines such as taking care of my teeth. HWB 0-33a hand washing gel. School nurse visit.

Health and Wellbeing (Substance misuse)

 I can show ways of getting help in unsafe situations and emergencies. HWB 0-42a Emergency services, 999

Health and Wellbeing (Relationships, sexual health and parenthood)

- I understand positive things about friendships and relationships but when something worries or upsets me I know who I should talk to. HWB 0-44b Together time/ circle time
- I am learning about respect for my body and what behaviour is right and wrong. I know who I should talk to if I am worried about this. HWB 0-49a RME packs





Health & Wellbeing Topic: Early Level



Expressive Arts (Dance, Drama and Music)

- I have the opportunity and freedom to choose and explore ways that I can move rhythmically, expressively and playfully. **EXA 0-08a** *Music and movement programmes*
- Inspired by a range of stimuli, I can express and communicate my ideas, thoughts and feelings through drama. EXA 0-13a
- I can respond to music by describing my thoughts and feelings about my own and others' work. EXA
 0-19a Listen to music with others, improvise to it and respond simply

Literacy (Listening and talking)

 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 Together time / Circle time

Literacy (Writing)

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





School Grounds Topic: Early Level



Social studies (People, place and environment)

- I explore and discover the interesting features of my local environment to develop an awareness of the world around me. SOC 0-07a
- I explore and appreciate the wonder of nature within different environments and have played a part in caring for the environment. SOC 0-08a
- While learning outdoors in differing weathers, I have described and recorded the weather, its effects
 and how it makes me feel and can relate my recordings to the seasons. SOC 0-12a Explore our
 school grounds. List what is there. (Scribe) Looking after plants etc. in our area.

Social studies (People in society, economy and business)

• 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 0-20 People who help us

Health and Wellbeing (Mental, emotional, social and physical wellbeing)

• 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 Membership of Eco-Committee

Health and Wellbeing Physical activity and sport

I am enjoying daily opportunities to participate in different kinds of energetic play, both outdoors and indoors. HWB 0-25a We work together in our school grounds. We plan what is to be done and get help – parents, local businesses etc.

Technologies (Craft, design, engineering and graphics)

 I explore ways to design and construct models. TCH 0-09a Draw plans, make miniature planting beds. models

Expressive Arts (Art and design)

- I have the freedom to discover and choose ways to create images and objects using a variety of materials. EXA 0-02a
- I can create a range of visual information through observing and recording from my experiences across the curriculum. **EXA 0-04a**
- Working on my own and with others, I use my curiosity and imagination to solve design problems.
 EXA 0-06a Draw our plans for flower beds, play areas etc. Tell others. Posters

Expressive Arts (Music)

 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 Songs, actions about what we are doing together.

Numeracy and Mathematics (Number, money and measure)

• 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 How quickly things grow

Numeracy and Mathematics (Shape, position and movement)

 I enjoy investigating objects and shapes and can sort, describe and be creative with them. MTH 0-16a Searching for and matching 2D & 3D shapes in the school grounds





Transport Topic: Early Level



Social studies (People, past events and societies)

• I have explored how people lived in the past and have used imaginative play to show how their lives were different from my own and the people around me. SOC 0-04a Changes in transport over time

Social Studies (People in society, economy and business)

I am aware that different types of evidence can help me to find out about the world around me. SOC 0
 -15a Gather information on how people get to nursery

Health and wellbeing (Physical wellbeing)

- 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** Road safety training
- I know and can demonstrate how to travel safely. HWB 0-18a Safe routes to school, bike safety

Health and Wellbeing (Physical activity and sport)

 I am enjoying daily opportunities to participate in different kinds of energetic play, both outdoors and indoors. HWB 0-25a Walking to and from school

Technologies (Technological developments in society and business)

• I enjoy playing with and exploring technologies to discover what they can do and how they can help us. TCH 0-05a Different types of transport – noise and pollution

Numeracy and Mathematics (Shape, position and movement)

- In movement, games, and using technology I can use simple directions and describe positions. MTH
 0-17a Games which include following directions. Simple program for Roamer
- I can collect objects and ask questions to gather information, organising and displaying my findings in different ways. MNU 0-20a Monitor routes to nursery, what kind of transport is used, make a pictorial representation of results.





Water Topic: Early Level



Social Studies (People, past events and societies)

• I have explored how people lived in the past and have used imaginative play to show how their lives were different from my own and the people around me. SOC 0-04a Did people always get water from a tap? Where from and how did they collect it?

Social Studies (People, place and environment)

• While learning outdoors in differing weathers, I have described and recorded the weather, its effects and how it makes me feel and can relate my recordings to the seasons. SOC 0-12a Where water comes from, rain gauges from reused plastic bottles. Snow, rain, sleet, hail, clouds

Health and Wellbeing (Food and health)

I am becoming aware of how cleanliness, hygiene and safety can affect health and wellbeing and I
apply this knowledge in my everyday routines such as taking care of my teeth. HWB 0-33a

Technologies (Technological developments in society and business)

To help care for the environment, I reduce, re-use and recycle the resources I use. TCH 0-06a
 Reduce water consumption using hippo water savers and other water saving gadgets

Literacy (Writing)

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

Expressive Arts (Participation in Performances and presentation)

• I have experienced the energy and excitement of performing for audiences and being part of an audience for other people's presentations/performances. **EXA 0-01a** Exploring water sounds – listening to water splashing, trickling, gushing

Expressive Arts (Art and design)

 I have the freedom to discover and choose ways to create images and objects using a variety of materials. EXA 0-02a Create pictures using colours and water to make patterns

Expressive Arts (Music)

I have the freedom to use my voice, musical instruments and music technology to discover and enjoy
playing with sound and rhythm. EXA 0-17a Making sounds with water- shaking containers and
investigate pitch with recycled bottles filled with water

Sciences (Biodiversity and Interdependence)

- I have helped to grow plants and can name their basic parts. I can talk about how they grow and what I need to do to look after them. SCN 0-03a Watering plants to keep them healthy
- By investigating how water can change from one form to another, I can relate my findings to everyday experiences. SCN 0-05a Relate changes of state to the weather