

Curriculum for Excellence links: Secondary school workshops

(Third level)

This document provides supplementary information to [Changeworks' Waste Education Experience for Secondary Schools](#) brochure. It shows in detail where our secondary school workshops link to the pupil experiences and outcomes of the Scottish Curriculum for Excellence and Science, Technology, Engineering and Mathematics (STEM) subjects.

What's up with Litter?

STEM: Science/Maths

I have contributed to investigations into the role of microorganisms in producing and breaking down some materials.

SCN 2-13a

I can show how quantities that are related can be increased or decreased proportionally and apply this to solve problems in everyday contexts.

MNU 3-08a

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

SOC 3—08a

Recycling Revealed!

STEM: Technology/Engineering/Maths Expressive Arts/ Social Studies

I can recognise basic properties and uses for a variety of materials and can discuss which ones are most suitable for a given task.

TCH2-10a

I can apply my knowledge and understanding of engineering disciplines and can develop/build solutions to given tasks.

TCH 3-12a



I can continue to recall number facts quickly and use them accurately when making calculations.

MNU 3-03b

I can respond to the work of artists and designers by discussing my thoughts and feelings. I can give and accept constructive comment on my own and others' work.

EXA 3-07a

While working through a design process in response to a design brief, I can develop and communicate imaginative design solutions.

EXA 3-06a

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 apply my knowledge and understanding of measure to everyday problems and tasks and appreciate the practical importance of accuracy when making calculations.

MNU 4-11a

What's in your Waste?

**STEM: Science
Numeracy**

I have contributed to investigations into the role of microorganisms in producing and breaking down some materials.

SCN 2-13a

I can show how quantities that are related can be increased or decreased proportionally and apply this to solve everyday problems in everyday contexts.

MNU 3-08a

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

SOC 3-08a

The Impact of Food Waste

**STEM: Science/Technology
Numeracy/Social Studies**

By investigating common conditions that increase the amount of substance that will dissolve or the speed of dissolving, I can relate my findings to the world around me.

SCN 2-16b

I can discuss, debate and improve my ideas with increasing confidence and clear explanations.

TCH 2-04d

I can apply my knowledge and understanding of measure to everyday problems and tasks and appreciate the practical importance of accuracy when making calculations.

MNU 4-11

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

SOC 3—08a

Having explored the ways journeys can be made, I can consider the advantages and disadvantages of different forms of transport, discussing their impact on the environment.

SOC 2-09a

The following experiences and outcomes apply to all activities:

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

I make full use of and value the opportunities I am given to improve and manage my learning and, in turn, I can encourage learning and confidence in others.

HWB 3-11a

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 highlighted in our [Waste Education Experience for Secondary Schools](#) brochure, our workshops support achievement of the following United Nations Sustainable Development Goals:

- Goal 3 Good health and well-Being
- Goal 6 Clean water and sanitation
- Goal 11 Sustainable cities and communities
- Goal 12 Responsible consumption and production
- Goal 13 Climate action
- Goal 14 Life below water
- Goal 15 Life on land

Contact

Call 0131 555 4010

Visit changeworks.org.uk

Email wasteeducation@changeworks.org.uk



Changeworks ~ inspiring change for people and the environment

Changeworks Resources for Life Ltd is a company registered as a charity in Scotland and limited by guarantee. Charity No. SCO15144 and Company No. SC103904. Registered office: 36 Newhaven Road, Edinburgh EH6 5PY.