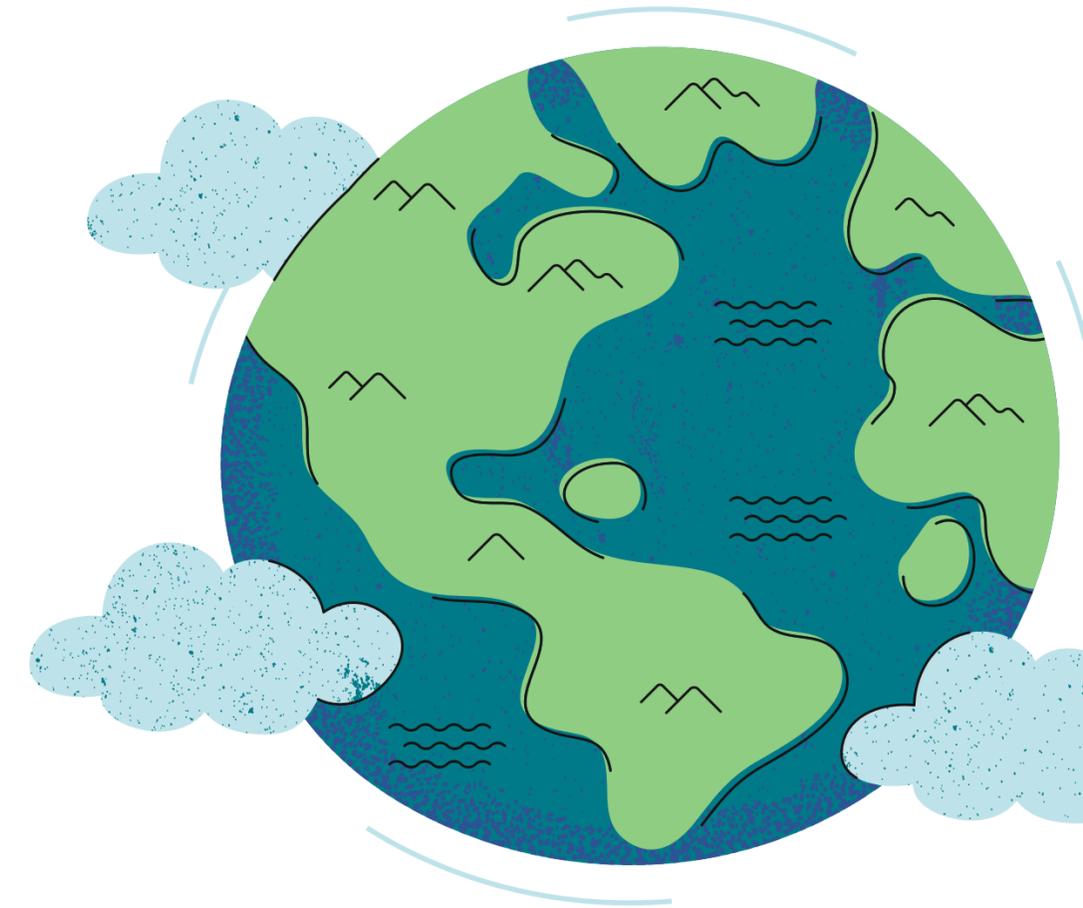


# Environmental Education Portfolio

Creating Resilient Communities Together



CHARITY NO. 1189569

Restoring Biodiversity

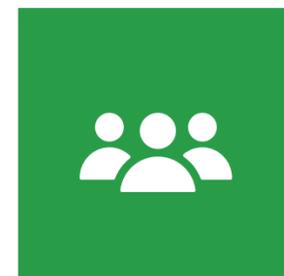
Sustainable Food

Conserving Resources



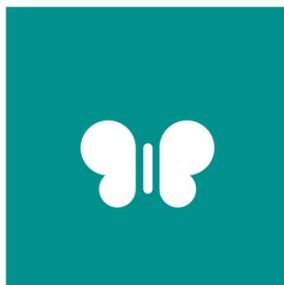
### Health and happiness

Encouraging active, social, meaningful lives to promote good health and wellbeing



### Culture and community

Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living



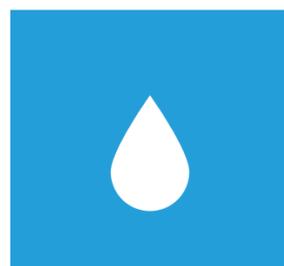
### Land and nature

Protecting and restoring land for the benefit of people and wildlife



### Equity and local economy

Creating safe, equitable places to live and work which support local prosperity and international fair trade



### Sustainable water

Using water efficiently, protecting local water resources and reducing flooding and drought

### Supporting



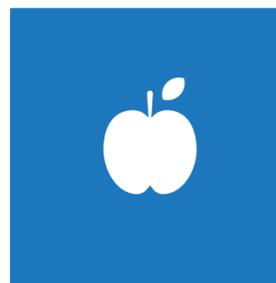
### Zero waste

Reducing consumption, reusing and recycling to achieve zero waste and zero pollution



### Zero carbon energy

Making buildings and manufacturing energy-efficient and supplying all energy with renewables



### Local and sustainable food

Promoting sustainable, humane farming and healthy diets high in local, seasonal organic food and vegetable protein



### Materials and products

Using materials from sustainable sources and promoting products that help people reduce consumption



### Travel and transport

Reducing the need to travel, encouraging walking, cycling and low carbon transport

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# Environmental Education Portfolio

## Creating Resilient Communities Together

We offer a wide range of educational sessions including: Assemblies, talks, lessons, workshops, day events with a carousel of sessions running simultaneously and community engagement events. This portfolio illustrates some of the topics, many of these can be adapted for different ages. Our sessions promote Education for Sustainable Development, STEAM and Sustainable Development Goals . Curriculum links – global citizenship, geography, English, science and life skills.

### School Education



### Adult Education



### Local Hubs Pop Up + Permanent



# School Environmental Education

A full school day filled with interactive and fun activities focused on conserving resources, sustainable food and restoring biodiversity. These are aimed at school children aged 7 to 11 years, but **can be adapted for other ages**.  
Delivered on the school premises by a team of experts from Sussex Green Living.

## One Day Education & Engagement includes:

- Up to 6 workshops delivered during a school timetable day, can include an assembly
- Workshop sessions designed to accommodate a whole class (max class size 30 students)
- All workshop materials and a take home task/activity to encourage shared learning at home
- Minimum one staff member from SGL
- Facilitation of corporate volunteer day opportunities (by arrangement)

Choice of themes to suit a variety of curriculums including:



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# Food Waste & Composting Explorers

## Overview

Through assemblies and workshops students explore food miles, Grow Your Own, food waste prevention and composting critters. Lots of hands on activities with magnifying glasses and microscopes!

## Lesson Goals

Bringing scientific discovery of minibeasts and materials to children using everyday examples. Children learn how their food choices have global effects, and what they can do to make improvements

## Outcome

Children widen their knowledge of where their food comes from, and learn how to reduce their carbon footprint by understanding how growing your own food benefits both the climate and garden biodiversity

**Aim:** To deliver engaging assembly and workshops to approx. 180 children in one school day

*Suitable for ages 7-11 years*



# Plastic Free World

## Overview

Children discover how plastic packaging is made and the impact it has on our climate, natural environment, and their bodies

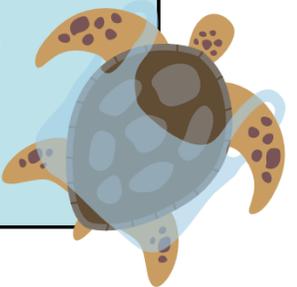


## Lesson Goals

To understand what plastic is and how it makes its way into the natural environment.  
They learn how to reduce their plastic consumption through simple solutions

## Outcome

Students will be empowered to make better choices through buying loose, using repair cafés and refill shops.  
They will understand the impact single use plastics have on the world and its wildlife.



**Aim: To deliver engaging training workshops to approx. 180 children in one school day**

*Suitable for ages 7-11 years*

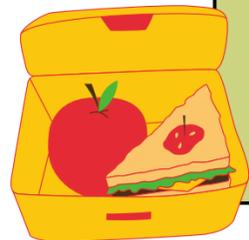


# Low Carbon Lunchbox

## Overview

Students make a reusable lunch box out of an empty milk carton.

Followed by a discussion around low carbon lunches (packaging, eating seasonally etc).



## Lesson Goals

To understand the environmental benefit of a 'low carbon lunch'.

To understand why eating seasonally / locally is an opportunity to reduce your carbon footprint.

## Outcome

Students are able to make informed decisions about the contents of their lunchbox items based on environmental impact and carbon.



**Aim: To deliver engaging training workshops to approx. 180 children in one school day**

*Suitable for ages 7 - 11 years*



# Energy Efficiency, Insulation & Heat Loss

## Overview

Students work in groups to make an energy efficient house for their baked potato using a range of materials

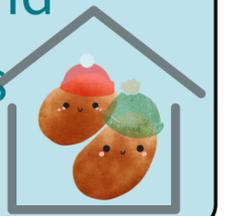
## Lesson Goals

To design and construct a house that keeps their potato warm whilst learning about insulation and heat loss using thermal imaging cameras



## Outcome

Students are able to understand the role of insulation and have an awareness of the ways a building can lose heat and ways to reduce heat loss



Aim: To deliver engaging training workshops to approx. 180 children in one school day

*Suitable for ages 7-11 years*



# Design a Net Zero Classroom



## Overview

Students create a design of their own net-zero energy classroom by drawing / placing renewable energy and energy-efficiency items into and around their concept classroom on a sheet of paper.

## Lesson Goals

To understand how items such as solar panels, efficient lights, computers, energy meters, etc contribute to Net Zero goals.

## Outcome

All materials provided by SGL. Including How To guide and craft equipment.



**Aim:** To deliver engaging training workshops to approx. 180 children in one school day

*Suitable for ages 7-11 years*



# Biodiversity Watch, Walk & Learn

## Overview

Children will take a walk around nearby gardens or fields and identify the different species visible

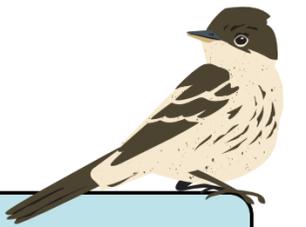
\* weather dependent



## Lesson Goals

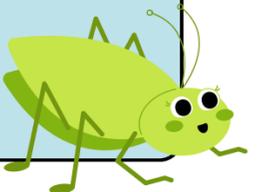
To identify different species of animals, plants in their local surroundings.

To understand the importance of biodiversity in local ecosystems.



## Outcome

Using species trackers, students will be able to identify local species and understand their role in nature's systems

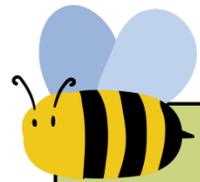


Aim: To deliver engaging training workshops to approx. 180 children in one school day

*Suitable for ages 7-11 years*



# Gardens for People & Wildlife



## Overview

Children explore a miniature garden designed for people and wildlife, look at seasonality - UK fruit and vegetables and why pollinators are essential for our food system

## Lesson Goals

To understand the carbon impact of the food choices we make in the UK.

To develop interest in gardening in school and home/community

## Outcome

Including a take-away guide offering ways to grow their own at home. Plus a pot they have planted with herbs or vegetables to grow at home. All materials provided by SGL.



Aim: To deliver engaging training workshops to approx. 180 children in one school day

*Suitable for ages 7-11 years*



# Nature as Teacher and Inventor



## Overview

Look closely at natural objects and discuss their form and function, learning how humans can improve efficiency by mimicking Nature's designs.

## Session Goals

Understand the patterns and principles found in the natural world and how humans can invent products for a healthier more sustainable future.

## Outcome

Participants learn about Biomimicry and get inspired by a vision of another future based on emulating Nature whilst focusing on solutions, strategies and adaptation.

This can be adapted to adult groups



# Installation of a Pollination Education Station

## Overview

Help install a Pollination Education Station (PES) and plant up with pollinator friendly plants, learn why pollinators are essential for food production and a thriving natural world

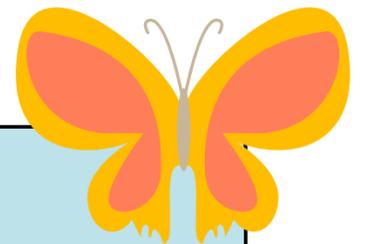


## Lesson Goals

To help understand the role of species such as bird, bees, bugs and butterflies are essential to human life

## Outcome

Includes games such as BEE the change quiz, pollinators hide & seek and take home guide. There are extra costs for the PES, learn more here  
[www.sussexgreenliving.org.uk/renature](http://www.sussexgreenliving.org.uk/renature)



**Aim:** To deliver engaging training workshops to approx. 180 children in one school day

*Suitable for ages 7-11 years*



# Adult Education

Sussex Green Living has established an enviable portfolio of trusted community engagement and learning opportunities, spanning a breadth of sustainability themes. Delivered at locally agreed locations, by subject experts from the Sussex Green Living team.

**Audiences:** businesses/employees, community groups, colleges & universities

## One Workshop or Talk includes:

- All resources and assets
- Minimum of one environmental educators from SGL

**Choice of themes:** to suit a variety of interests and or business focus

e.g. *Ecology, Energy Efficiency, Zero Waste, Circular Economy, Carbon Literacy, Climate Fresk, Fast Fashion*

*The next page illustrates some of these sessions*

Supporting



Restoring Biodiversity

Sustainable Food

Conserving Resources



# Gardens for Nature & People

## Overview

Helping communities live in harmony with nature, food security and learning to balance our activities with nature's needs, through practical actions at home

## Session Goals

Discussion on nature in urban environments, including photo case studies to inspire action with 'create it at home' examples such as shallow ponds and wildlife corridors

## Outcome

Participants understand how to create habitats attractive to birds, insects, and other wildlife, helping to sustain local ecosystems and create spaces that enhance people's wellbeing

Summary: 1 x 60 minute workshop per event



# Introduction to Carbon Literacy

## Overview

Designed to leave participants feeling empowered about what they can actively and positively do to reduce carbon emissions and environmental damage professionally and personally

## Session Goals

Knowling sharing on reducing emissions and how homes remain energy efficient, with information on green heating, insulation types, or investing in more energy efficient appliances

## Outcome

Individuals gain awareness of the effects of climate change, and which behaviours will reduce emissions.

\*Certified Carbon Literacy and Climate Fresk courses are available

Summary: 1 x 60 minute workshop per event



# Introduction to Circular Economy principles



## Overview

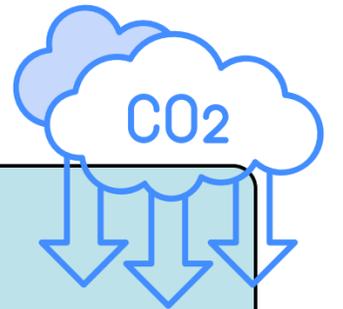
Find out why it's much more than recycling and how companies are creating circular economy value. A circular economy eliminates waste, circulates products and materials, and regenerates nature

## Session Goals

Defining the principles of the circular economy model. Understanding how businesses can create value by reusing and repairing products, how designers come up with clever solutions, and how to extend the life of materials and products

## Outcome

Participants gain understanding of key terms and tools within CE framework and why shifting from our linear economy to a circular one with closed loops, is essential in reducing carbon emissions



Summary: 90 minutes of knowledge sharing, peer to peer learning, with action plan





# Energy Efficiency

## Overview

Advice and guidance helping communities to reduce their energy usage and understand why low carbon living matters

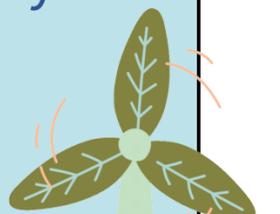


## Session Goals

Identifying ways to reduce emissions and how homes can remain energy efficient, with information on green heating, insulation types, or investing in more energy efficient appliances

## Outcome

Knowledge of carbon literacy, a deeper understanding of how fossil fuel energy is detrimental to planetary health, with ways to save both money and Greenhouse Gases.



Summary: 1 x 60 minute workshop per event



# Discover Your Place in a Time of Global Change



## Overview

Explore the powerful question 'who are you in this time and what is your part to play?'

## Session Goals

Interactive workshop designed to help a group of people find their personal part of the jigsaw. Many people feel overwhelmed by the state of the world and don't know what they can individually do.

## Outcome

This workshop will help identify people's unique strengths, skills and energies to help others and the planet as well as their own mental health.

Summary: between 60 and 90 minute workshop per event



# Additional Projects for Funding Pop-up + Permanent

Sussex Green Living has deep experience in bringing together communities creating welcoming spaces packed with positive, nurturing and inclusive activities fostering social capital and helping people feel better.

Our once a month **Sussex Green Hub** distributes free rescued food from supermarkets, offers a repair service of household items, recycling education, sells refills and environmentally friendly everyday cleaning products, tracks carbon savings and makes it easier for everyone to be involved in sustainable living.

We offer Pop-up hubs to extend accessibility of our services and give a taste of the permanent hub. They are delivered at locally agreed locations by the Sussex Green Living team and some of our Horsham Repair Cafe volunteers, with offerings based on site restrictions.

## **One Local Hub could include:**

- A choice of repair, refill, recycling services
- Minimum of one Sussex Green Living member of staff and multiple volunteers
- Materials and resources venue dependent
- Our Eco Float (retrofitted 1974 milk float) with colourful signwriting and displays
- Learn more about the Sussex Green Hub here [www.sussexgreenliving.org.uk/sussex-green-hub](http://www.sussexgreenliving.org.uk/sussex-green-hub)

## **Supporting**



**CONTACT US FOR MORE INFORMATION**

# POP - UP Engagement

## Overview

Creating a fun, entertaining and educational event for families, helping to foster stronger communities on a path to a sustainable future

## Session Goals

To support and inspire people to reduce their environmental impact through shopping more sustainably, reducing waste, recycling single-use plastics and repairing and re-using

## Outcome

Increased awareness of the Rs, Refuse, Refill, Re-use, Repair, Restore, Regenerate, Recycle

Availability is dependent on site restrictions but could include music, dance, drama and art

Summary: Up to a full day of games, quiz, and knowledge sharing



# Community Legacy Hub

BY SEPERATE DISCUSSION -

## Overview

Following the model of many successful projects around the UK, introducing a social enterprise facility for lasting sustainability solutions

## Goals

Communities are supported to develop a thriving central hub which may involve repair cafes, men's sheds, Library of Things, exchanges of clothes, books or seeds, with community allotments and orchards.

## Outcome

Residents feel inter-connected creating a sense of purpose that requires collaboration, which can enhance talent and skills, while contributing to environmentally-aware local economies

A FEASABILITY STUDY TO BE UNDERTAKEN BASED ON GEOGRAPHY





Thank you for your interest in our charity

To learn more contact

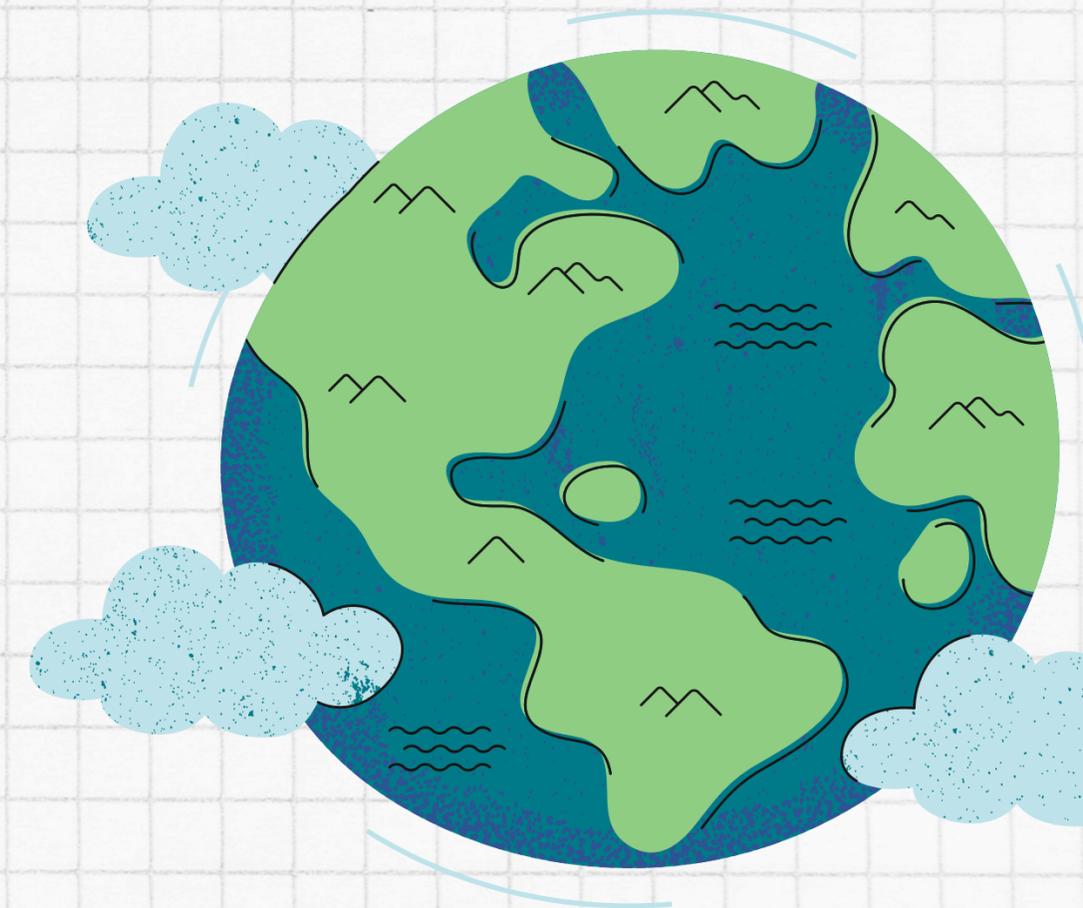
Carrie Cort

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