

Peterborough Eco Framework

Key Information



Version: November 2017



**Peterborough
Eco Framework**
Schools working towards creating
the UK's Environment Capital



**Peterborough
Environment City Trust**

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Overview

The Peterborough Eco Framework is linked to the National Sustainable Schools Framework and the Peterborough Environment Capital Action Plan,

The content, accreditation structure and flag were all developed in consultation with a groups of teachers. They told us what they loved and hated about other schemes and we worked with them to ensure Peterborough's framework works for Peterborough schools and teachers.

There are 10 themes and whilst you may be working on a number of themes simultaneously each one will be assessed and certificates awarded individually. The idea is that you apply for the certificates at the time so that the pupils involved can celebrate their achievements.

We would expect to see work on themes maintained after the certificate has been awarded though the focus may shift to other themes.

Once you have 5 certificates you can apply to fly the Peterborough Flag.

www.pect.org.uk/schools



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Eco Team

(Eco Committee, Eco Club, Eco Warriors, Green Team, Green Army....)

Whatever you chose to call them there should be a group in school who plan and ensure the implementation of the Eco Action Plan. The advantage of having a team of pupils and staff involved is that work does not all fall to one person and you are able to draw on the talents of a wide range of people in school.

There is no ideal way to organise your Eco Team but it should include

- Pupils from a range of year groups – please do not exclude your youngest pupils
- Members of teaching or support staff

You may also wish to include a parent, governor as people with different skills or interests who can assist the pupils in developing their ideas.

Actions for your team to do?

Peterborough Eco Framework Review

As part of the documents written for the Framework there is a review. This is a checklist for each theme. We would expect you carry out the review once a year to keep track of your progress. You can use this to help decide what to focus on each year.

Action Plan

We would like schools to have some kind of action plan but we don't mind what format this takes. Part of the intention of the scheme is that Eco becomes part of the ethos of the school so we would hope that the development of eco education is included in the school development plan and in the school curriculum, but you may prefer to have a separate Eco Action plan. It should be a working document, not something kept pristine in a file and never looked at.



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The Framework

In addition to this document there is also a checklist and together they provide a scaffolding for schools to improve the sustainability of by carrying out a range of Eco projects. Some schools may prefer to set their own objectives, particularly if they have been a Sustainable School for some time.

For each theme there is

- A target for 2050
- Objectives to work towards (these are suggestions, choose the ones which best fit your school)
- The Framework is mapped to the Sustainable Development Goals for Schools
- List of local providers who can assist you with resources and information

Although PEF is divided up into discrete themes all the themes have cross over and links between them. For any sustainability project to be effective it must be part of a whole. If there is a theme which you feel that you haven't done much on and could do with some support to get started please do get in touch.



On the PECT website there are also case studies from local schools, links to useful websites and suggested curriculum links. These include mind maps which show how each theme can be linked to the curriculum in a range of different way.

PECT have resources you can loan please contact us for an up to date list.



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Applying for Awards

The intention is that you apply for awards as you go along so that the children who have taken part can celebrate their achievements. This should also mean that you shouldn't have to keep large files of evidence, which was high on the wish list for the teachers involved in consulting on PEF.

When you are ready to apply, email **schools@pect.org.uk** to ask for the link to the application forms. These can then be completed online. The forms are short and as simplified as possible.

Peterborough Eco Framework Flag

A Flag has been created from designs submitted by pupils and when you have worked on 5 themes you can apply to have a Flag.

To keep the costs of the scheme to a minimum if you have certificates for 5 themes and wish to fly the flag then we will give you the design and a flag supplier for you to purchase it yourself. The cost is roughly £90. If you prefer not to buy a flag then we have a Flag Certificate for you instead.



Sustainable Development Goals for Schools

In 2000 the UN agreed eight Millennium Development Goals with the aim to work towards tackling issues of the time. Some of the goals were met and new goals were developed. In 2015, 17 Sustainable Development Goals (SDG's) for 2015-2030 were set. These were agreed at the United Nations Headquarters in New York by the Heads of State, Government and High Representatives. The goals aim to end poverty, protect the planet and try to make sure that everyone around the world is living comfortably. All very important and worthwhile goals to work towards. Each goal has specific targets for governments to achieve over the next 14 years. In schools, we can help to support the meeting of these targets.

Peterborough Schools already do lots of excellent work to make the city clean, green and more sustainable. We are going to ask you to match what you are doing to the Sustainable Development Goals so that you can see how you are helping to achieve these goals. This will also allow us to keep track of how Peterborough Schools as a whole are contributing and report this back to SEEd who are collating information on behalf of the UK.

For each theme we have now included a section which suggests which SDG goals might link to this theme. Some of the goals cut across all of the themes so these are not specifically noted but you will be asked about them on the application form. These are 4. Quality Education, 5. Gender Equality, 13. Climate Action, 17. Partnerships for the Goals.

On the next page we have mapped the SDG Goals to the Peterborough Eco Framework to give you an overview.

If you would like more information about the goals then the following organisations have excellent online resources:

Oxfam

Think Global

Global Learning Partnership

Mapping SDG's to PEF



On this page you can see the 17 Sustainable Development Goals.

On the opposite page is a guide to how the SDG's can be mapped to the Peterborough Eco Framework. This is not definitive, there are undoubtedly more links that can be made but this is a starting point.



As you can see by following the Peterborough Eco Framework you are already contributing to the SDG's. By linking the Framework to the SDG's we are not asking you to do more, just capture that contribution and be aware of how you are contributing to international goals.



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4 5
13 17

Across all themes in PEF



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Local and Sustainable Food

2050 Vision for the City

80% of food consumed will be produced and processed within 100 miles of the city.

2050 Vision for Schools

All schools to be model suppliers of healthy, local and sustainable food and drink, showing strong commitments to the environment, social responsibility and animal welfare in their food and drink provision, and maximising their use of local suppliers. Where practicable some of the food used in school will be grown by the pupils on site.

Sustainable Development Goals



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Objectives for School and Pupils

- Make use of school grounds to grow seasonal fruit and vegetables.
- Influence the quality of school meals, in particular through increased use of fresh local seasonal produce.
- Reconnect children with raw food and ingredients, preparing their own food and understanding processes in the production of food.
- Appreciate the local distinctiveness of food and its association with place.
- Be aware of the impacts on the environment of different methods of food production and processing.
- Understand the link between our food choices, the environment, people and places elsewhere.
- Increase pupils awareness of Fairtrade
- Become a Fairtrade accredited school

Local Providers

Moor Farm

Sacrewell Farm

East of England Showground

Green Backyard

Food for Life Partnership

Healthy Schools Peterborough

Fairtrade Peterborough



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Sustainable Materials

2050 Vision for the City

All good purchased from sustainable sources and wherever possible sourced locally

2050 Vision for Schools

All schools to be models of sustainable procurement using goods and services of high environmental and ethical standards from local sources where practicable.

Sustainable Development Goals



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Objectives for School and Pupils

- Implement a Sustainable Procurement policy
- Use local suppliers where possible and practicable
- All pupils and staff to be aware that reducing the amount of resources used is as important as using sustainably sourced resources
- Encourage the reuse of materials throughout the school
- Sustainable procurement to extend to all areas of schools life, including cleaning, kitchens, teaching materials and grounds work.

Local Providers

PECT can provide advice on Sustainable Procurement policies



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Equity and Local Economy

2050 Vision for the City

A high skilled, low poverty, circular economy aided by the highest concentration of environmental businesses in the UK

2050 Vision for Schools

Pupils to engage in a range of enterprise activities which give them an understanding of how businesses run. Schools to engage with the local Enviro-cluster to give pupils an understanding of the range of employment opportunities within the Environment Sector.

Sustainable Development Goals



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Objectives for School and Pupils

- Schools to engage in enterprise projects
- Opportunities made available for pupils to participate in the running of school tuck shop or similar
- Involve pupils in decision making and purchasing for school tuck shop
- Pupils given wide range of opportunities to show leadership and work with different groups of students
- Participate in practical activities that show how sustainable development links with the local economy
- Engage with a local environmentally-accredited business through a workplace visit or visit by representative to their school

Local Providers

fruit to suit

Peterborough DNA

Peterborough Skills Service

Children's University

- Peterborough



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Culture and Heritage

2050 Vision for the City

We will be recognised as a high quality culture and heritage destination with active residents

2050 Vision for Schools

Pupils to engage with the local heritage sites in and make use of the education opportunities available to enrich pupils knowledge and understanding of local history. Pupils will experience the wealth of artistic and cultural opportunities available.

Sustainable Development Goals



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Objectives for School and Pupils

- All pupils to be aware of the local history of their local area and Greater Peterborough
- Pupils to take part in intergenerational projects where older residents share their skills and/or memories
- Celebrate the cultural diversity of Peterborough encouraging pupils to explore the cultures within their school and across the city
- Work with local artists and have the opportunity to experience a range of theatre productions.
- Pupils participate in whole school art projects

Local Providers

Vivacity (Flag Fen, Peterborough Museum, Key Theatre, Longthorpe Tower)

John Clare Cottage

Peterborough Cathedral

Burghley House



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Zero Carbon

2050 Vision for the City

No net carbon emissions from energy consumption achieved through high energy efficiency and renewable energy.

2050 Vision for Schools

All schools to be models of energy efficiency and making use of renewable sources of energy showcasing opportunities such as wind, solar and biomass energy and insulation.

Sustainable Development Goals



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Objectives for School and Pupils

- Pupils to be aware of monitoring the schools energy consumption and acting to reduce it
- Pupils to be aware of the link between energy use and financial cost
- Pupils to be aware of the link between energy supply, use and potential for environmental damage
- Pupils to know and understand simple low cost and no cost measure which are effective at conserving energy.
- Where practicable the school to consider using alternative sources of energy
- Schools to be actively monitoring and assessing energy use.
- The energy rating of new appliances to be considered during the procurement process
- Pupils to have an understanding of the alternatives to fossil fuels and their limitations.

Local Providers

PECT



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Health and Happiness

2050 Vision for the City

We will live longer, healthier, more fulfilling lives with health equality for all residents.

2050 Vision for Schools

All schools to be model suppliers of healthy, local and sustainable food and drink, showing strong commitments to the environment, social responsibility and animal welfare in their food and drink provision, and maximising their use of local suppliers. Where practicable some of the food used in school will be grown by the pupils on site.

Sustainable Development Goals



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Objectives for School and Pupils

- Develop and implement a sustainable plan for being a healthy school, make use of tools provided by Healthy Schools Peterborough (HSP)
- As a minimum meet standard for Bronze HSP Award
- Promote opportunities for pupils to be physically active during outside play (this may include physical structures in the playground such as trim trails, games painted on the ground or a range of equipment such as balls for them to use).
- Promote healthy snacks and healthy pack lunches.
- Actively promote health and well being through the curriculum and ethos of the school.
- Pupils to have an awareness of how health issues impact on the environment and vice versa.
- Pupils will understand the components of a healthy lifestyle and make choices which have a positive impact on their health and happiness.
- Provide pupils with direct access to, or promote the benefits of the Children's University within the school.

Local Providers

Healthy Schools Peterborough

Vivacity

fruit to suit

Nene Park Trust

Froglife

Sustrans

Travelchoice

Children's University -

Peterborough

Anglian Water



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Land Use and Wildlife

2050 Vision for the City

We will have a network of wildlife-rich accessible places which are valued and enjoyed locally.

2050 Vision for Schools

All school grounds to be used to bring pupils closer to the natural world, capture their imaginations in outdoor play and help them learn about sustainable living. Biodiversity and conservation should go alongside food growing and natural play.

Sustainable Development Goals



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Objectives for School and Pupils

- Use the school grounds to enrich teaching and learning opportunities across the curriculum for the whole school community.
- Habitat creation in school grounds which enhances the biodiversity of school grounds.
- Value grounds as a place to play, learn and make important personal connections with the natural world.
- Pupils appreciate the importance of biodiversity in their locality and beyond
- Make links with the local community to enhance the school grounds

Local Providers

Nene Park Trust

Wildlife Trust

Froglife

Buglife

Central England Cooperative Beehive

Green Backyard

Woodland Trust

RSPB

RSPCA

PECT



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Sustainable Water

2050 Vision for the City

We will each use 80 litres of water or less daily and the city will be resilient to water scarcity with an annual risk of flooding less than 1 in 100.

2050 Vision for Schools

All schools to be models of water efficiency and water conservation, showcasing opportunities such as rainwater harvesting and grey water recycling to everyone who uses the school. Staff and pupils will have an understanding of the particular water challenges facing this area.

Sustainable Development Goals



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Objectives for School and Pupils

- All pupils to be aware and actively engaged in simple actions to cut down water use in school and at home.
- Pupils and the wider school community understand that conserving water is vital especially in this region.
- Pupils understand how water becomes polluted, why this is important and how water returns to the rivers/
- Pupils to be aware of the link between clean water and good health, especially in a world context.
- Measures for the conservation of water to be implemented in the school grounds. (water butts, drought resistant plants, use of mulching)
- Active monitoring and assessment of water usage.
- Pupils know where the nearest river is to the school, what the characteristics are of a healthy river and how the local river compares.

Local Providers

Anglian Water

Green Backyard (drought planting, water conservation in gardening)

PECT (Werrington Brook Project)



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Sustainable Transport

2050 Vision for the City

A pedestrian, public transport and cycle first city and 90% of all journeys will be zero emissions.

2050 Vision for Schools

Are models of sustainable travel, where vehicles are used only when absolutely necessary and where there are exemplary facilities for healthier, less polluting or less dangerous modes of transport.

Sustainable Development Goals



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Objectives for School and Pupils

- Pupils and parents will be encouraged and enabled to travel to school by sustainable means. (cycle, scooter, walk, bus, car share, walking bus etc)
- School will work with Travelchoice, Sustrans and parents locally to establish a working school travel plan and identify safe routes to school
- All pupils will receive road safety training
- Pupils of all ages will receive appropriate scooter and bike safety training.
- There will be a greater awareness of the impact of transport on the environment and people's health in the wider school community.
- Promote cycling, walking and scootering as a leisure activity as well as a means of transport.
- Incorporate sustainable travel across the curriculum

Local Providers

Travelchoice

Sustrans

Vivacity

PECT



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Zero Waste

2050 Vision for the City

Household waste will decrease to 250kg and 100% will be recycled, reused or recovered.

2050 Vision for Schools

All schools to be models of waste minimisation and increasing value for money by reducing, reusing, repairing and recycling as much as possible. Schools and their surrounding areas should be litter free zones. Waste minimisation will be considered as part of the procurement process.

Sustainable Development Goals



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Objectives for School and Pupils

- Whole school awareness of what can be done to minimise amount of waste going to landfill
- Whole school to reduce, re-use and recycle waste whenever it is practical and beneficial to do so
- Work with the local community in raising awareness and facilitating waste minimisation whenever possible
- School will employ practical measures to reduce use of paper in school.
- Steps will be taken to reduce food waste from school lunches and packed lunches including staff lunches.
- Visit the local ERF to find out where waste goes to.
- School to have an effective litter policy in place
- Pupils to be aware that litter reduction and prevention is an ongoing process that involves all members of the school community
- All pupils to be aware that litter prevention improves the environmental quality of the school and its neighbourhood.
- Litter clearing should be regarded as a positive environmental action – not a punishment.

Local Providers

Amey
Viridor



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Overarching Theme—Sustaining our World

2050 Vision for Schools

Schools to develop a responsible, international outlook among the pupils based on an appreciation of the impact of their personal values and behaviours on global challenges.

Objectives for School and Pupils

- to develop pupils' understanding of what sustainable development means
- to make pupils aware of the link between their lives and the lives of others throughout the world
- to ensure pupils are aware that local actions can have both positive and negative global effects on people and the environment; now and in the future
- to enable pupils to take meaningful action, individually or as a group, to make a difference

Sustainable Development Goals



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Local Providers

Fairtrade Peterborough
Global Learning Partnership



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Providers	Website
Amey	www.greenerpeterborough.co.uk
Anglian Water	www.anglianwater.co.uk education@anglianwater.co.uk
Buglife	www.buglife.org.uk
CEES	www.cees.org.uk
Central England Cooperative Beehive	based at East of England showground
Children's University— Peterborough	www.peterboroughlearning.org.uk/ peterborough-childrens-university/
East of England Showground	www.eastofengland.org.uk/kids-country/
Food For Life Partnership	www.foodforlife.org.uk ldavies@soilassociation.org
Froglife	www.froglife.org
fruit to suit	www.fruittosuit.co.uk annknott@fruitytosuit.co.uk
Global Learning Partnership	glp.globaldimension.org.uk/
Green Backyard	www.thegreenbackyard.com
John Clare Cottage	www.clarecottage.org/



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Providers	Website
Healthy Schools Peterborough	www.peterborougheducationnetwork.co.uk
Moor Farm	moorfarmshop.wordpress.com/school-group-visits/ moorfarmmeats@hotmail.com
Nene Park Trust	www.neneparktrust.org.uk
PECT	www.pect.org.uk/schools
Peterborough Cathedral	www.peterborough-cathedral.org.uk/home/learning.aspx
RSPB	www.rspb.org.uk
RSPCA	www.rspca.org.uk
Sacrewell Farm	www.sacrewell.org.uk
Sustrans	www.sustrans.org.uk Gemma.hughes@sustrans.org.uk
Travelchoice	travelchoice.org.uk
Viridor	viridor.co.uk/our-operations/energy/energy-recovery-facilities/peterborough-erf-2/
Vivacity	www.vivacity-peterborough.com
Wildlife Trust	www.wildlifebcn.org
Woodland Trust	www.woodlandtrust.org.uk

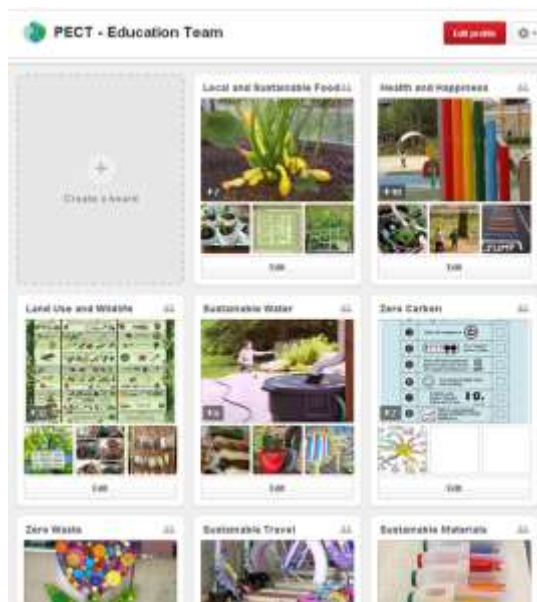


Find us on Pinterest



www.pinterest.com/pecteducationte/

Boards for each of the Framework themes and more. If you are also an avid pinner then please follow us so we can repin the ideas you have collected.



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Notes

[illegible]

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