

Green Schools Newsletter

November 2016

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Celebrating Peterborough's Successes

Congratulations to Woodston Primary on being the first school in Peterborough to fly the Peterborough Eco Framework Flag. They gained certificates in Land Use and Wildlife, Sustainable Materials, Sustainable Transport, Zero Carbon and Zero Waste.

A second school have also done enough to gain their flag so we are looking forward to that one flying very soon too.



Congratulations

The following schools who have all gained 1 or more certificates in the framework.

Braybrook Primary School: Equity and Local Economy, Health and Happiness, Local and Sustainable Food, Sustainable Transport.

Wittering Primary School: Zero Waste

Voyager Academy: Sustainable Transport, Culture and Heritage, Land Use and Wildlife

Orton Wistow Primary: Health and Happiness, Local and Sustainable Food. Sustainable Transport

Hampton Hargate Primary: Land Use and Wildlife, Sustainable Transport

Autumn Term Twilight

We will be holding twilights in the second half of the summer term for all Eco Coordinators and anyone else with an interest in eco topics. We will send round a Doodle Poll to everyone once we have the dates confirmed.

The Peterborough Eco Framework



The Peterborough Eco Framework is a bespoke framework for Peterborough schools. The framework links to the Environment Capital Action plan and allows schools to show both their progress towards becoming Sustainable Schools and their contribution towards creating the UK's Environment Capital.

A range of documents are available to support schools in using the framework including a checklist, objectives, curriculum links and lists of local providers. The program of Eco Coordinator twilights will be used to provide additional support

Make sure you are using the most up to date version of the core information and checklist. **They will be marked November 2016**

The framework is also an accreditation scheme and, following teacher consultation, each theme will be assessed individually allowing schools to celebrate pupil's successes. The idea is that you apply for each theme as you go along rather than have to fill up lots of files with evidence and then apply.

So if your Eco Team have done some amazing work either towards the end of last academic year or this term and you'd like to celebrate their successes, then please email us for a link to the application forms. We'll be reviewing applications in the second half of each term.

For more information about the Framework contact Jill Foster, schools@pect.org.uk

A Flag for Peterborough Schools



As part of the consultation for the framework, teachers wanted to have a Flag as part of the framework. Once you have certificates in 5 themes you can fly the flag if you wish.

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 contact details for the preferred supplier who has the art work work and you can purchase it yourself. The cost is roughly £90. If you prefer not to buy a flag then we will have a Flag Certificate instead.

Resources Available to borrow or access online from PECT

Travel Resources

PECT did some work for Sustrans last academic year to develop some small sets of resources in a range of curriculum areas, they all have some link to travel or transport and link to curriculum areas. For some there are bags or boxes of resources to borrow, for others examples of how to make use of apps and online resources. All the activity sheets will be available to download via the PECT website by the end of the Autumn term. We are really keen for people to try them out and give us feedback. I've put a sample of what we have below if you are interested then please get in touch. jill.foster@pect.org.uk

Literacy

Story sacks



Story cubes



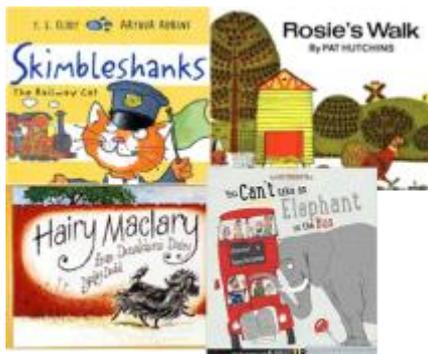
Suggested story maker apps on ipad



Collection of transport related poems in different genres

Numeracy

Maths bags



Suggestion on how to use the apps Skitch and Photobox



History

Set of photo cards for shops and shopping in Peterborough through time
Sets of photo cards looking at transport in WW1 both on the front and at home.

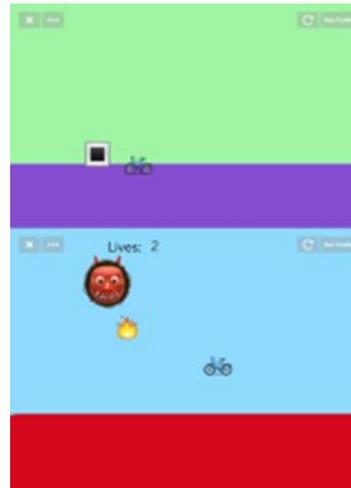
Computing

We have created projects in both Scratch and Hopscotch and we'd love pupils to rework them and in Scratch add their versions to the studio or create their own games with a travel theme however vague.

Projects on Scratch
User: pectgreeninja



Projects on Hopscotch (ipad app)
User: pectgreeninja



Science

Sets of photo cards and information on famous scientists who have invented useful and new materials. Example quiz cards and examples for using circuits to make quiz cards

Sound meter and bike bells for investigating how sound travels



Go Gear kits to investigate how gears allow smaller forces to have greater effect



A full list of all the resources available to loan is available; items will be loaned on a half termly basis and either we'll post out or they can be collected from the PECT office.

What's going on in Peterborough?



FREE School Trip to Moor Farm

Supported by Natural England we have 25 FREE primary school trips to our arable and livestock real working farm in Newborough, 7 miles North East of Peterborough. Limited to one free trip per school (max 30 children) thereafter £5/child.

Tailored to meet your curriculum subject, topic or age groups (Early Years to University) or we can suggest an itinerary. Choose from Where Your Food Comes From; Food to Fork; Farm Animals; Animal Husbandry; Mini-beasts; Farm Hygiene; Bacteria; Soil Composition; Weather; Seasons; Climate; Landscape; Environment and Wildlife to name a few. Maths, English, Geography, History, Art & Design, Science, PSHE are incorporated at every opportunity throughout the trip. Follow-up activities and homework sheets available.

Our School trips are a hands-on experience typically including farm talk covering hand washing, personal safety on a working farm, bugs, types of farm animals and their family groups, where does our food come from; farm walk to make a memory plate for each child to take away (with our sheepdog Ben on a lead) through mixed arable crops; meeting farm animals including sheep, cows, chickens, geese, ducks, dogs, cats, rabbits etc in their natural habitat; butter making; following the food chain then making egg/cheese sandwiches (food allergies catered for); sit-on real farm vehicles typically a tractor and combine harvester. Depending on the time of year holding and feeding new born lambs; stroking new born calves; handling chicks and ducklings. View video link, installed by the Northamptonshire Barn Owl Project to our resident barn owls which have reared chicks on Moor Farm for several years - just like Springwatch. Trips can be adapted for any weather. Tractor & trailer rides are an extra £2/child to cover fuel and insurance

costs. Adults go free proportionate to child ratios. Complimentary tea or coffee for adults on arrival.

Boiler suits are provided but please bring your own wellies – we have a limited supply. Full risk assessment available on booking. Free pre-visit. Disabled access. Free coach parking. Wet weather picnic area. Mobility and special needs accommodated. Small quiet/sensory area available if required. Primary School references available on request.

CEVAS Countryside Educational Visits Accreditation Scheme, LOTC Learning Outside the Classroom, FACE Farmyard & Countryside Education, Staff DBS checked & emergency first aid trained, Red Tractor producer, Environmental Stewardship Scheme (CSS) ELS & HLS.

To book please give Judith a call on 01733 810229 or email moorfarmmeats@hotmail.com



Feeding our Feathered Friends

The Great Fen team had a fantastic morning with Holme C of E Primary School pupils setting up hand made bird feeders in their special outdoor area. The children will help count and identify the birds that visit the feeders and report back about their findings. Upwood Primary School will also be taking part in this project in October.





Fairtrade in Schools

How does Fairtrade fit in with education?

It is important for students to understand something of the community they are part of at a local, national and international level. Teaching Fairtrade provides a brilliant vehicle for this, with case studies and stories of how real children like them have benefited from Fairtrade and easy ways for students to get involved and make a difference themselves to these members of their global community.

Curriculum links in citizenship, Geography, RE and English provide opportunities for an integrated approach to the subject of fair trade.

An increasing number of Peterborough schools are now involved in learning about and promoting Fairtrade. If your school is not already involved with Fairtrade, then Fairtrade Peterborough is only too happy to offer help and advice.

Excellent teaching resources and suggestions for how to include Fairtrade in the curriculum and other areas of school life are available from Traidcraft
www.traidcraftschools.co.uk/

and from the Fairtrade Foundation
schools.fairtrade.org.uk/

including information on how your school can work through the 3 stages - FairAware, FairActive and FairAchiever – and become a Fairtrade School.

If you would like more information or have any questions, please contact Fairtrade Peterborough at
fairtrade@peterborough@gmail.com



New Educational App – Great Fen Quest.

The Wildlife Trust BCN has just launched a new Educational App called Great Fen Quest. It is **free** to download and available on desktop and Apple IPAD and has been developed for key stage 1 and 2.

The App is designed to inspire children about the outdoors, wildlife and the Great Fen and encourage them to come out to visit the area. Children will join Newton the Great Crested Newt, on a fantastic journey around the Great Fen to help him collect ingredients for his special cake. They will hunt for hidden treasures, complete puzzles and challenges and meet some of the other Fen Friends who live in this amazing place, whilst discovering some wonderful wildlife facts.

Each level within the game introduces new knowledge and requires different skills – a fantastic challenge within a nature focused environment. All details on the Great Fen website www.greatfen.org.uk

NEW - Forest School Leadership Programme Level 3 Qualification.

Please book your place for training for next year in the superb surroundings of the Countryside Centre at Ramsey Heights.

Visit www.greatfen.org.uk for more details.



Water Audit Pack

Anglian Water have an excellent water audit pack. The pack is a step by step guide to help teachers and students reduce water use in school.

In the pack find out why water saving is so important and instructions on how to find out your school's average water use.

- Carry out a water audit of your school and students' attitudes to find out what are the biggest water wastages.
- Then find support on writing an action plan which addresses individual needs and sets targets for you school.
- Enabling your school to be more sustainable.

Download your free water audit pack

<http://www.anglianwater.co.uk/community/education/resources/water-audit/>



News from Sustrans

St Thomas More's pedal to success

School Champions at St Thomas More were impressed by the effort and determination of their whole school



community at this year's Big Pedal! In their first Big Pedal year back in 2015 they achieved 14.55% of the school cycling and scooting and this year, 58.43% took part with an increase of 44.88%! Pupils were rewarded with a



Pedal Powered Cinema organised by Bike It. We think this quote sums up the schools success nicely: **"WE ARE THE CHAMPIONS!!!!"** *99th overall nationally* *9th in East of England and 1st in Peterborough!!"* (Head Teacher at St Thomas More)

Hampton Hargate gets Gold!

Hampton Hargate Primary have worked exceptionally hard with the Bike It+ project and had their efforts rewarded by becoming the 1st school in Peterborough and one of only 32 schools in the country to achieve

Sustrans Gold School Mark. A big well done from everyone at Sustrans!



Balance bikes

Bike It officers have purchased their first ever balance bikes and will begin by offering training sessions to staff in newly recruited Bike It schools.



Officers will also be offering out staff training for cycle skills, scooter skills and off the stabilisers in all Bike It schools.

Bike It+ competitions or activities to look out for

Bike Wheel Christmas Wreath Competition
Cycle, Scoot or Walk to Santa in Lapland – virtual Christmas trip!

Dr Bike or in classroom Bike Mechanic sessions

For more information please contact your Bike It+ officer gemma.hughes@sustrans.org.uk or go to www.bikeitcambs.org.uk



Kids Country

It has been the culmination of a busy event season for the Kids Country team at the East of England Showground. The fourth Food & Farming Day took place on 1 July, and the team welcomed over 5,000 children from across the region to an educational celebration of food, farming and the countryside.

New exhibitors this year included Billingsgate Seafood School, who had a wonderful interactive display of seafood for the children to experience; Weetabix; the British Dragonfly Society, who were able to show the children the newly-built dragonfly pond at the



Education Area; a 'Mad Scientist' who talked about water management; and celebrity chef Rachel Green, who made delicious humus with the children as part of the Kids Kitchen. These

complemented the always popular returning exhibitors who covered livestock, modern and vintage farm machinery, rural skills, cooking; and working horse, gundog and ferret displays, to name but a few.

To celebrate the end of another successful season, in July the team held a BBQ for all the regular volunteers who contribute so much to the events. Despite forecasts of rain, the sun shone on over 30 volunteers who enjoyed a BBQ and a live steel band outside the beautiful Thatched Barn.

Already we are planning our 2017 events, and the programme has been confirmed and distributed to schools. Here's looking forward to another successful and exciting year for the Kids Country team.

Tel: 01733 363514

Email: slauridsen@eastofengland.org.uk

Follow us on Twitter: @KidsCountryUK



Tadpoles that Teach

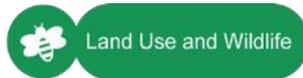
Take a back seat in your classroom and let amphibians teach your pupils about life cycles, food chains, habitats, conservation, reproduction, environmental issues and even death.

Tadpoles in the Classroom is a series of workshops delivered in the Spring by experienced Froglife staff. We supply the stuff, you provide a class full of enthusiastic children. Sessions start with an expedition to a local pond to collect frogspawn. Froglife staff will then support your class to raise as many tadpoles as possible, and "release the beasts" back where they were found.

Curriculum-linked classroom-based sessions delivered weekly by our staff throughout the development from tadpole to froglet, will bring Science to life for your young people. One teachers said "It was very well led... The children have said it's been their favourite activity this term." And from the mouth of an inspired child "Everything was awesome!"

Warning: this project can lead to Frog Obsession Disorder. If this happens, please refer to our Leapfrog Schools programme to find out how you could get a wildlife-friendly outdoor classroom in your school grounds or have amphibian- and reptile-focussed sessions delivered throughout the year.

Want to know more? Please visit www.froglife.org/leapfrog-schools and then contact our Learning Coordinator Jenny Leon on 01733 602102 or jenny.leon@froglife.org to book your place.



otherwise have been wasted. One of the school staff commented
“The children were so inspired to try new things and learn about foods and production” and one of the pupils:
“Best day ever. Hope I come again.”

Peterborough schools celebrate Food for Life

In June, Peterborough and Cambridgeshire schools gathered together with caterers and local guests to celebrate their outstanding work on the Soil Association Food for Life (FFL) Programme, funded by Peterborough City Council. Councillor Diane Lamb, Cabinet Member for Public Health, presented Orton Wistow, Ravensthorpe and St Thomas More RC Schools with their FFL Bronze awards. Gunthorpe Primary was thrilled to receive the Silver FFL award.

FFL Programme Manager, Liz Davies, commented:
“Such a wonderful opportunity to celebrate whole school communities’ engagement in the FFL Programme that endorses consistent food messages and provides pupils, staff and families with the skills needed to make good food choices. All guests at the event participated so enthusiastically in the hands on activities with the pupils!”

Activities included butter making, an edible flower trail and learning about UK grown pulses with Hodmedod’s.

Local farmer Judith Jacobs, Moor Farm, led the butter making session and whilst guests shook their mini butter



The Council has funded additional FFL support packages. To express interest contact: Liz Davies, **07809 156144, ldavies@soilassociation.org**

See the impact of Soil Association FFL: <http://www.foodforlife.org.uk/about-us/ourimpact>.



churns, she engaged the pupils in mental maths to work out annual milk yields!

Cambridge FoodCycle Hub provided a delicious lunch, using up 67kg of supermarket surplus produce that would

Science and Plants for Schools Online Resource

Why do bananas fluoresce? An unexpected view of chlorophyll

As a banana ages, black spots appear on the skin. Shine ultraviolet light on them, and you will see an amazing fluorescent blue ring around each black spot. This is produced as the chlorophyll in the banana skin is broken down.

This makes a fun and thought-provoking lesson starter. Students can be challenged to hypothesise about what they are seeing and why. Do they think that there are adaptive advantages for the plant?

Download the resource for full instructions on how to carry out the activity and the scientific research on the topic.

<http://science-and-plants-for-schools.org.uk/19FH-4IL36-6Q3H4M-2AVIQV-0/c.aspx>

Coming Soon

Peterborough Eco Education Awards 2017

We're already started planning PEEA for 2017 and we have a venue agreed and we're hoping to have the date confirmed in the next week. As soon as we have a date I'll be sending out additional information.



Peterborough Eco
Education Awards

We have taken on board feedback from both schools and organisations from PEEA 2016 and we're doing to change things a bit in 2017 so if you have a burning desire for a something to be included then please do get in touch. We look forward to seeing as many of you as possible in June 2017

jill.foster@pect.org.uk

Find us on pinterest

There are boards for each of the Framework themes and more. If you are also an avid pinner then please follow us so we can re-pin the ideas you have collected.

www.pinterest.com/pecteducationte/



PECT - Education Team

www.pect.org.uk/schools



15 boards 369 Pins 0 Pins 26 Followers 33 Following

| Board Title | Pin Count |
|------------------------------|-----------|
| Local and Sustainable Living | 27 Pins |
| Health and Happiness | 11 Pins |
| Land Use and Wildlife | 26 Pins |
| Sustainable Water | 10 Pins |
| Zero Carbon | 18 Pins |
| Zero Waste | 21 Pins |
| Sustainable Travel | 26 Pins |
| Sustainable Materials | 22 Pins |
| Culture and Heritage | 29 Pins |
| School Grounds | 22 Pins |
| Sustaining our World | 16 Pins |
| Secondary Education | 18 Pins |
| PEEA | 9 Pins |
| Outdoor Maths | 22 Pins |
| Literacy and Environment | 29 Pins |