



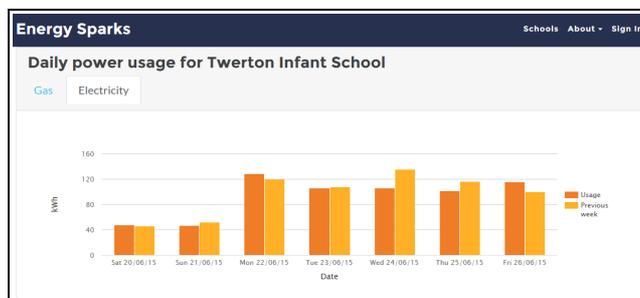
Energy Sparks

Energy Sparks is an exciting new project led by Transition Bath, teaching primary pupils about energy and empowering them to take action to make their schools and homes more energy efficient.

The project is FREE for schools to join. As well as saving up to 20% on your school's energy bills, your pupils will learn important life skills in understanding energy. The project also supports the primary curriculum, particularly KS2 maths (interpreting data including a range of charts) and KS2 science (electricity and working scientifically).



The Energy Sparks website



Energy Sparks motivates pupils and staff to save energy by generating healthy competition between schools. An innovative new website takes data from schools' Smart Meters and produces easy-to-read charts showing their gas and electricity consumption. The site also allows schools to record activities in which pupils learn about saving energy and spread the energy-saving message (for example running a 'switch off' campaign, holding a 'no energy' day).

The site gives reward points and badges for reducing your school's energy usage, as well as for the learning activities that help pupils engage with energy issues. Logging on weekly allows pupils to see their school's progress, and compare their achievements with those of other schools.

Get involved

All we need from you is:

- permission to access your energy data and display it on the Energy Sparks website
- an agreement to get involved in our programme and teach your pupils about energy

In-school support

During the Energy Sparks trial period up to December 2017 we have additional funding to provide in-school support to help schools use the website, teach pupils about energy and raise the profile of the competition throughout the school.

We recognise that the programme will develop in different ways in each school taking part; the in-school support will therefore be flexible and customised to meet your needs. Our team will liaise with a named contact in your schools to decide the best approach for you. This could include:

- A meeting with the lead teacher to plan the project
- A meeting with the school's Eco Team to introduce the Energy Sparks website and competition
- Energy detective work with pupils to look for ways in which energy could be saved in your school

- Loan of specialist equipment for use in energy experiments including a thermal imaging camera and OWL energy monitors.
- Support with experiment design.
- An assembly to launch the competition to the whole school and share the energy-saving message
- A celebration assembly at the end of the project to share successes and look to the future.

In addition to the in-school support the Energy Sparks website provides guidance and suggestions of potential activities the school could run, and online resources and sign-posting to lesson plans, eco-team projects and other resources which will help schools take part.

Competition – November and December 2017

During November and December 2017 we will run a competition with prizes awarded to the schools who achieve the most activity reward points or make the most energy savings. The competition will also coincide with [“Switch Off Fortnight”](#) from 20th November to 3rd December.

What happens at the end of the trial period?

The initial trial runs until the end of December 2017. When the trial ends, schools will be able to continue to use the website, record activities and access its online resources in the long term.

To help us evaluate the website and overall project, and make improvements for future years, we will ask you for feedback.

Our aim is that the Energy Sparks website will eventually be made available to schools throughout the UK. By getting involved in this trial you will be helping to shape a national resource.

How is the website supported and maintained?

The website has been developed in Bath by local developers in consultation with local primary teachers, and is intended for use by KS1 and KS2 pupils, with supervision. We will be able to make changes to the website using your feedback both during the trial and afterwards.

How is Energy Sparks funded?

- The website has been developed using [national funding from the Open Data Institute](#)
- We received grants from [Bath and West Community Energy](#) (a local energy producer), Ovo Energy Foundation and [Naturesave Trust](#) to provide in-school support and run the Energy Sparks competition.

How do I find out more information and enrol?

Please visit our website: <http://www.energysparks.uk/>

Contact: hello@energysparks.uk

Enrolment details can be found at: <http://www.energysparks.uk/enrol>

Note: Only schools with standard Smart Meters can be included (most schools in B&NES have standard Smart Meters)

