



Energy Sparks Case Study

Turn it Off Tuesday

Working with Energy Sparks offers schools the opportunity to let their children lead on sustainability actions that can have a real and measurable impact.

This was the case at Prendergast Primary School, a school of 417 pupils in Pembrokeshire. Following Energy Warrior and campaigning workshops delivered by Awel Aman Tawe, one of our Welsh partners, Pembrokeshire pupils decided to take action on the high energy consumption they had spotted in their analysis of the Energy Sparks data.

Pupils had noticed that the school was using most electricity on Tuesdays so decided to hold a Turn it off Tuesday event for the whole school. They used Energy Sparks resources not only to estimate how much money the school could potentially save on a Tuesday, but also to learn about the effect that their electricity consumption was having on the planet - and about why using less energy was a great way to help the Earth.

Pupils used the Energy Sparks resources to help them develop a whole school campaign to turn off lights and use natural lighting.

They created presentations, posters, animations and performances to get the Turn it off Tuesday message out to everyone in the school, including governors and families.

Pupils ran their event on the last day of the spring term 2022 and encouraged all school staff to use natural light, rather than artificial lighting throughout the school.

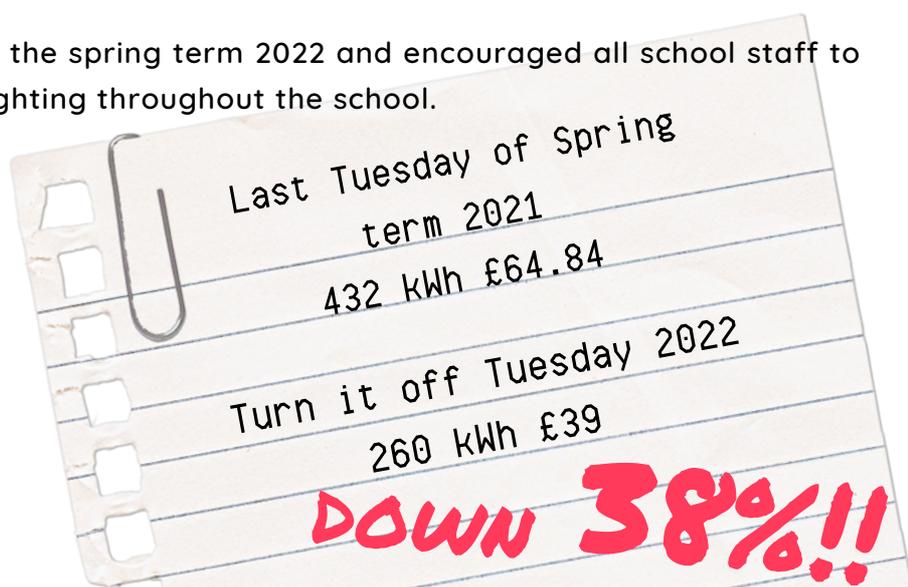
“ Our pupils ... enjoyed the experience and felt they had made an impact to the school ... they are enthusiastic to keep making positive changes to the school community and at home. ”

-Teacher,
Prendergast Primary School



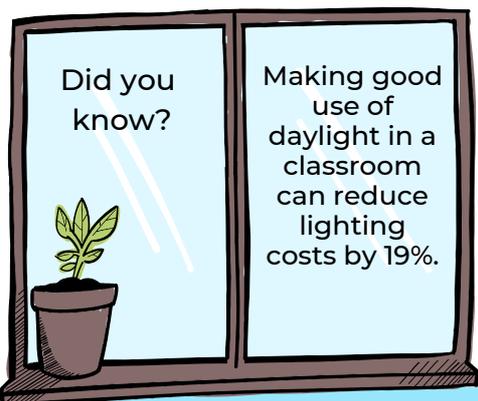
Plan and run a campaign to switch off lights and use natural light on sunny days

Discover how classroom set up can increase natural light levels and explore the optimal levels of light in classrooms



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A noticeable impact

Having analysed the Energy Sparks data, the pupils had set the school a target to use less than 408 kWh of electricity on Turn it off Tuesday.

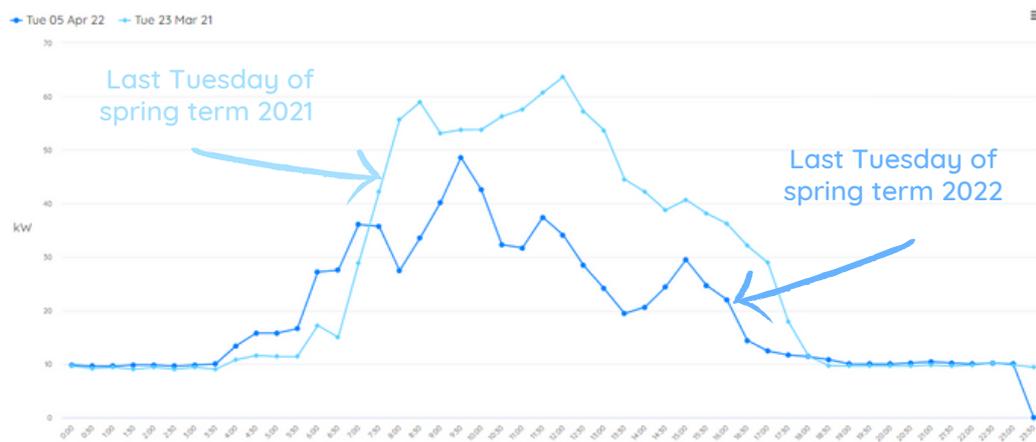
In actual fact they achieved a reduction in their electricity consumption of 38%, only using 260kWh! Amazing work!

Energy Sparks offers several features so your pupils can clearly identify the impact of their actions

compare the electricity used on two different days

Select day
Tuesday, 5 April 2022

Compare to
Tuesday, 23 March 2021

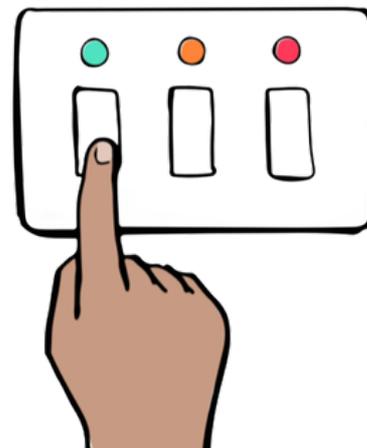


Making analysis easy

Using Energy Sparks features it was simple for pupils to compare data from Turn it off Tuesday with other days including Tuesdays from the current term and the previous year, including the last Tuesday of Spring term in 2021. Being able to see their actions reflected in the data is not only really motivating for the pupils but demonstrates really clearly to the school community the huge impact that energy efficiency can have.

Whole school action

A Switch Off Day can be a really effective way to engage the whole school and see the effect that your pupils' actions can make. Whether you're switching off lights, computers or the heating, our comparison feature allows you to compare days or weeks so that you can see not only the energy but the costs and the carbon emissions that your switch off has saved.



Find out more about how you can get your students engaged in tackling climate change in school by visiting <https://energysparks.uk> or emailing hello@energysparks.uk.