

Energy Sparks Case Study Boiler control

In their first week using Energy Sparks, Whiteways Primary School, Sheffield had saved 35% of their annual gas costs. They did this at no cost to the school, just by changing their boiler times.

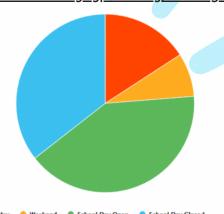
other school. •• Jennie Nixon, Head of School

Analysis

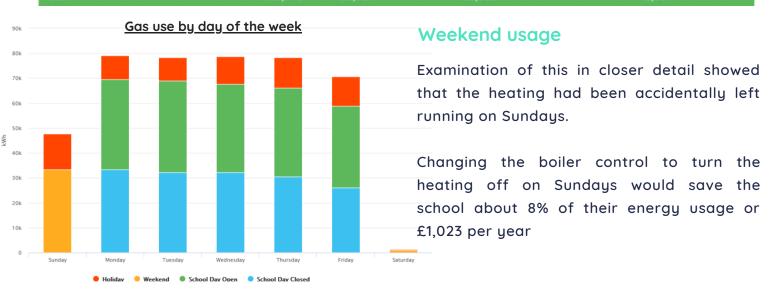
Analysis of Whiteways Primary School's gas consumption started by looking at the breakdown of gas use by type of day/time.

For Whiteways this showed that 59% of the gas usage was when the school was closed – out of school hours during the week, at weekends and during holidays.

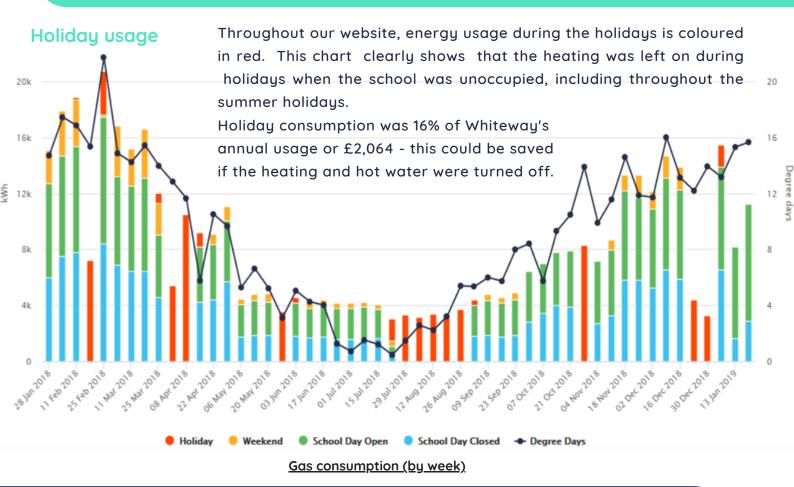
Breakdown by type of day/time - gas



Time Of Day	kWh/year	£/year	CO2 kg/year	Library Books /year	Percent
Holiday	68,795	2,064	14,034	413	16%
Weekend	34,213	1,026	6,979	205	8%
School Day Open	176,776	5,303	36,062	1,061	41%
School Day Closed	154,192	4,626	31,455	925	36%
Total	433,976	13,019	88,531	2,604	



Energy Sparks Case Study Alerts

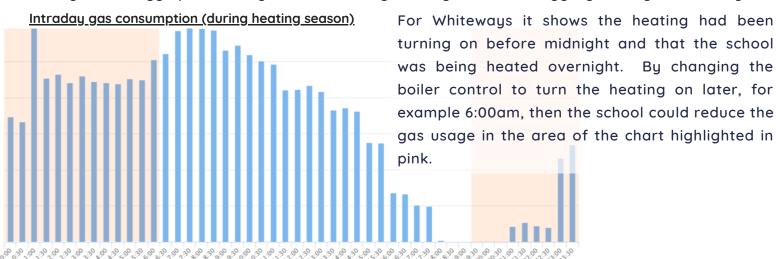


Engaging with Energy Sparks has been a really worthwhile experience. Not only has the school saved money, the children have become more aware of the ways that they can help to reduce energy use.

- Jennie Nixon, Head of School

Out of hours usage

Finally the Energy Sparks analyses include usage during the winter, aggregated by time of day.







By changing the