

Brighton Science Festival comes to DHS!

On Tuesday 22nd January four key stage 3 classes were treated to an exciting practical science lesson as part of the Brighton Science Festival. Professor Richard Robinson from University of Sussex and Prof John Hare, a Science Communicator, spent the day at Durrington High, working with 4 different classes to deliver their wind turbine workshop. Students were tasked with building their own mini wind turbine, testing and improving it until it was able to power a calculator, LED light, buzzer or radio. The students really enjoyed modifying their designs in an effort to create more power, learning what worked and why as they did.

Wind turbines and the power they generate are of particular interest to students at DHS given that the Rampion wind farm is such a prominent feature of the local landscape. This was a great opportunity for students to learn more about the science behind this alternative energy source in an engaging and fun way. One year 7 student said 'it is really interesting learning about how the old technology informed the new technology to make the wind farm what it is today.' And another said 'this is really fun.'

The workshop was part of the Brighton Science Festival, established by Professor Richard Robinson 10 years ago. The school workshops run throughout Sussex and are part of the festival's outreach programme. Dr Michael Kyle, Science teacher at DHS, said 'it is a fantastic opportunity for our students to participate in these workshops and have input from such passionate science experts such as Richard and John. The students are fully engaged as they learn through investigation, and you can see how proud they are when their wind turbines work. Workshops like this really help to spark a passion for science, which is something we can then continue in the classroom.'

You can find out more about the Brighton Science Festival [here](#)

