



Media release

Just add power! Buckingham pupils mix it up at E.ON's new microgeneration workshop

Students at The Buckingham School are among the first in the country to have taken part in E.ON's new 'Micro Mix' workshop which will help pupils investigate renewable energy sources and the role these play in the nation's energy mix.

Taking part in the Micro Mix workshop, the pupils designed and built functioning micro models that generated electricity using wind, solar or hydro power. Working in competing teams, the pupils were encouraged to use their problem solving skills and creativity to build, test and improve their designs before finalising them.

The students were then tasked with recommending the ideal mix of renewable technologies to meet the energy needs of the fictional 'Brightford City'. To do this, pupils had to find the best balance between the city's climate, geography, size and natural resources and its available budget, as well as allowing for environmental and technological factors.

Suzanne Doxey, Community Relations Manager at E.ON, said: "Our Micro Mix workshop is all about showing secondary school pupils that energy can be generated in unexpected ways.

"Our hope is that by completing the workshop, they come to understand more about the different renewable energy technologies that exist, and the conditions under which they work best. There's an important message here around how we, as a society, meet future energy demand and we hope that our Micro Mix workshops will help to bring it to life for students."

Emma Laird, Teacher at The Buckingham School said: "It's good for our students to have spent this time thinking about where their electricity comes from now and where it might come from in the future.

"Designing and building their own micro models was good fun, and really helped with their understanding of the technologies involved. They were then able to consolidate this knowledge by working through their recommendations for Brightford City."



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E.ON launched its new educational programme, E.ON Energise Anything in September this year. It includes online educational content (videos, classroom activities, home activities), hands-on workshops delivered in schools (including Micro Mix) and an energy-related competition, all aimed at encouraging 5 to 18 year olds to explore the STEM subjects (science, technology, engineering and maths) in an unexpected way.

To celebrate the launch of E.ON Energise Anything we've giving schools and individuals the opportunity to win prizes, such as iPads or vouchers for their school through our #MyEnergyHack competition. The competition is open to schools as well as individuals aged 5-18 years. Parents and teachers of younger students who don't have social media can enter on their behalf.

Full details about the competition and resources can be found at eonenergy.com/energiseanything

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