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Science made simple for Paull Primary School pupils

National Grid hosts 'hands on' science show for school as work on River Humber Pipeline project progresses

07 Jul 2017

- **National Grid hosts 'hands on' science show at Paull Primary**
- **Visit to school coincides with work on the River Humber Gas Pipeline replacement project**
- **Work will ensure North Lincolnshire and the rest of the UK have a safe and reliable source of gas**

Science was made simple for Paull Primary School students when National Grid hosted two special workshops to show what real-life scientists and engineers do for a living.

Pupils took part in two interactive demonstrations involving volunteers from the audience. Key stage one pupils enjoyed '[Bubbles and Balloons](#)', investigating how different shapes of objects made from some materials can be changed by some processes, including forces such as squashing, bending, twisting and stretching. Key stage two pupils enjoyed '[Science of Sport](#)' exploring exactly what real-life scientists and engineers do, as well as learning more about gravity, forces, and energy.

National Grid is currently replacing the gas pipeline in Goxhill and work will soon be commencing in Paull. The work, which will be complete by 2020 will help ensure reliable and resilient energy supplies in the years ahead to North Lincolnshire and the rest of the UK. National Grid is replacing the existing River Humber pipeline, a strategic gas pipeline beneath the Humber Estuary. This is required as over time, the tidal patterns of the River Humber have eroded the seabed covering the existing pipeline, leading parts of it to become exposed.

Children were encouraged to get excited about science and engineering whilst learning about the project and how National Grid's work continues to connect their local area to renewable energy being produced nearby.

Mr Rowe, Head teacher at Paull Primary School, said: "I would like to thank National Grid for hosting this event at Paull Primary School. The pupils had a wonderful time and thoroughly enjoyed getting involved in the experiments and learning more about science and engineering."

Steve Ellison, Project Manager at National Grid said: "As well as bringing reliable gas supplies to local people in Paull we like to stay connected with the local communities in which we operate. We are really pleased to have visited Paull Primary School and it was great to see pupils having such an enjoyable time learning about science and engineering."

The workshop was also attended by a representative from National Grid who spoke to the pupils about the River Humber Gas Pipeline project and its wider role of connecting the local community to a source of renewable energy.

Contact for media information only

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Notes for editors

Notes to Editors:

National Grid is pivotal to the energy systems in the UK and the north eastern United States. We aim to serve customers well and efficiently, supporting the communities in which we operate and making possible the energy systems of the future.

National Grid in the UK:

- We own and operate the electricity transmission network in England and Wales, with day-to-day responsibility for balancing supply and demand. We also operate, but do not own, the Scottish networks. Our networks comprise approximately 7,200 kilometres (4,474 miles) of overhead line, 1,500 kilometres (932 miles) of underground cable and 342 substations.
- We own and operate the gas National Transmission System in Great Britain, with day-to-day responsibility for balancing supply and demand. Our network comprises approximately 7,660 kilometres (4,760 miles) of high-pressure pipe and 618 above-ground installations.
- As Great Britain's System Operator (SO) we make sure gas and electricity is transported safely and efficiently from where it is produced to where it is consumed. From April 2019, Electricity System Operator (ESO) is a new standalone business within National Grid, legally separate from all other parts of the National Grid Group. This will provide the right environment to deliver a balanced and impartial ESO that can realise real benefits for consumers as we transition to a more decentralised, decarbonised electricity system.
- Other UK activities mainly relate to businesses operating in competitive markets outside of our core regulated businesses; including interconnectors, gas metering activities and a liquefied natural gas (LNG) importation terminal – all of which are now part of National Grid Ventures. National Grid Property is responsible for the management, clean-up and disposal of surplus sites in the UK. Most of these are former gas works.

Find out more about the energy challenge and how National Grid is helping find solutions to some of the challenges we face at <https://www.nationalgrid.com/group/news>

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