

# Renishaw Education Outreach

## An Introduction to engineering at Renishaw plc

### 1.5 - 2 hour workshop

This experience gives you an insight into what we do at Renishaw and what engineering actually is. You can learn about the importance of engineering, about different roles within engineering and what a great career it can be!

This visit includes a presentation on Renishaw and engineering, a tour of our demonstration facilities in our state of the art Innovation Centre and also gives all students the opportunity to take part in a quick hands on activity bringing engineering alive!

Biscuits and refreshments will be served during the workshop

#### What are the benefits to pupils attending this course?

- Learn about a high technology engineering company
- Understand what engineers do
- Have fun making your own engineering project

#### Who should attend?

- Key stage 2, year 5 and 6 pupils
- Key stage 3 students

#### Curriculum links

- Understand developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, engineers and technologists.
- Investigate new and emerging technologies.

#### Quotes:

"I was really impressed with how smart and high tech everything was"

"I want to be an engineer when I'm older"

"Engineering is really cool"

"I think the stuff you make is really amazing and it'll now have a huge impact on the future"

**Venue:** Renishaw Innovation Centre, Renishaw plc, Wotton-under-Edge, Gloucestershire GL12 8JR

**Time:** AM and PM sessions available

**Cost:** **FREE\*** - Just bring enthusiastic young people with an interest in Maths, Physics or Design & Technology; maximum of 30 pupils per workshop

**Date:** Dates can be arranged to suit your school. Applications can be made by requesting a date directly by email.

\*Please note - Pupils must be accompanied by a qualified teacher whose subject is related to the workshop being held. We would encourage the teacher to be involved with the workshop as much as possible.



For more information, visit [www.renishaw.com](http://www.renishaw.com) or contact [education@renishaw.com](mailto:education@renishaw.com)



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## About Renishaw

Renishaw is one of the world's leading engineering and scientific technology companies, with expertise in precision measurement and healthcare. The company supplies products and services used in applications as diverse as jet engine and wind turbine manufacture, through to dentistry and brain surgery. It is also a world leader in the field of additive manufacturing (also referred to as 3D printing), where it is the only UK business that designs and makes industrial machines which 'print' parts from metal powder.



The Renishaw Group currently has more than 70 offices in 35 countries, with over 4,000 employees, of which 2,700 people are employed within the UK. The majority of the company's R&D and manufacturing is carried out in the UK and for the year ended June 2016 Renishaw achieved sales of £436.6 million of which 95% was due to exports. The company's largest markets are China, USA, Germany and Japan.

## Renishaw Innovation Centre

The Renishaw Innovation Centre was formally opened by HRH the Princess Royal in July 2015. The building is the largest new construction in the company's history and represents a £20 million investment for Renishaw and confidence in its future in Gloucestershire where it is already the county's largest private employer.

The additional 153,000 sq ft of space houses research and development and corporate services staff, as well as demonstration, training and conference facilities.

Within the Renishaw Innovation Centre all 40 meeting rooms are named after British innovators, primarily in the fields of science and engineering, but also innovators local to Renishaw's headquarters site such as Tyndale, Jenner and Pitman. The main conferencing facility is named after UK engineering icon Isambard Kingdom Brunel who was responsible for many iconic structures in the West of England region including the Clifton Suspension Bridge and the ss Great Britain. Other rooms are dedicated to significant innovators including Whittle, Faraday, Lovelace, Haslett, Babbage, Turing, Caxton and Stephenson.

Said Sir David: "This excellent new building is a place which we hope inspires people and whilst it is very much focused on the future and helping Renishaw and our customers to achieve ever greater technology breakthroughs, we are also very keen to honour those British innovators who have helped us as a society get to where we are today."

**For more information, visit [www.renishaw.com](http://www.renishaw.com) or contact Rebecca Bound by phone (01453 524132) or email ([rebecca.bound@renishaw.com](mailto:rebecca.bound@renishaw.com))**



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