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**Renishaw inspires next generation of engineers at MACH 2022**

To encourage students to pursue a career in science, technology, engineering and maths (STEM) subjects, 19 apprentices from global engineering technologies company, [Renishaw](https://www.renishaw.com/en/education-outreach--34713?utm_source=StoneJunction&utm_medium=HN&utm_id=REC599), led tours of school students around MACH 2022, the UK’s national manufacturing and engineering exhibition. At the event, held from April 4th to 8th, 2022 at the NEC, Birmingham, students had the opportunity to see the innovative developments in disciplines such as additive manufacturing, machining and metrology, and learn about pathways into different manufacturing sectors, such as automotive, aerospace and medical.

During the week, MACH hosted 2,500 secondary school students aged 11 to 16. The guided tours, led by apprentices and graduates working in the the industry, included visits to the stands of leading manufacturing companies, as well as participating in activities in the exhibition’s dedicated Education and Development zone. These included additive manufacturing activities led by Create Education, virtual welding, seeing the Mars Rover and discovering more about the F1 in Schools competition.

“Apprentices and graduate engineers are the ideal candidates to lead the tours because they are only a few years ahead of the students, meaning they can strongly relate to them,” explained Joshua Dugdale, Head of Technology & Skills at the Manufacturing Technologies Association (MTA), organisers of MACH. “The tour guides gave first-hand insight into the career opportunities available to students to inspire the next generation of engineers.”

“I have a passion for engineering and robotics, so thought it would be interesting to not only see industry robots in action, but also try to help convey how exciting engineering can be to the next generation,” explained Izabel Maciver, Manufacturing Apprentice at Renishaw. “It was great to see the students get involved in intriguing activities like the pit stop challenge and hear about some of the projects that they were doing in school.”

“I wanted to take part in the tours and speak to students about engineering careers as I have previously been one of those students, and was inspired into my role by a similar conversation,” explained Charlie Hix, Engineering Apprentice at Renishaw. “I saw this as a great opportunity to give students an insight into the industry and apprenticeships as a whole.”

“It was great to see so many girls on the tours being interested in and enthusiastic about engineering,” explained Harry Elliott, Technical Apprentice at Renishaw. “In particular, the school groups showed a lot of interest in additive manufacturing processes. The education zone was positioned alongside school and university stands, which inspired children to study engineering at university and get involved in innovative and exciting projects through their education.”

Renishaw offers an extensive education outreach programme to support primary and secondary schools across Bristol, Gloucestershire and South Wales. It also has well established early careers programmes and this year has recruited a record 80 apprentices and 96 graduates in the UK to support long-term business growth.

For further information on Renishaw’s education outreach programme, visit [www.renishaw.com/en/education-outreach](https://www.renishaw.com/en/education-outreach--34713?utm_source=StoneJunction&utm_medium=HN&utm_id=REC599).

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**Notes to editors**

UK-based Renishaw is a world leading engineering technologies company, supplying products used for applications as diverse as jet engine and wind turbine manufacture, through to dentistry and brain surgery. It has over 5,000 employees located in the 37 countries where it has wholly owned subsidiary operations.

For the year ended June 2021 Renishaw recorded sales of £565.6 million of which 95% was due to exports. The company’s largest markets are China, the USA, Japan and Germany.

Throughout its history Renishaw has made a significant commitment to research and development, with historically between 13 and 18% of annual sales invested in R&D and engineering. The majority of this R&D and manufacturing of the company’s products is carried out in the UK.

The Company’s success has been recognised with numerous international awards, including eighteen Queen’s Awards recognising achievements in technology, export and innovation.

Further information at [www.renishaw.com](http://www.renishaw.com/)