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**Renishaw participates at EmPowerCyber event to educate girls on the cyber security and technology industry**

To excite, inspire and educate girls on the opportunities the cyber security and technology industry has to offer, global engineering technologies company, [Renishaw](https://www.renishaw.com/en/renishaw-enhancing-efficiency-in-manufacturing-and-healthcare--1030?utm_source=Stone%20Junction&utm_medium=PR&utm_campaign=REC643), participated at the EmPowerCyber event, organised by Cyber Cheltenham (CyNam). EmPowerCyber aims to change perceptions about diversity within the sector by creating a variety of workshops to encourage young girls to consider a career in cyber security. At the full day event on Friday November 25th, around 800 Year 8 girls had the opportunity to take part in hands-on workshops covering four different ‘zones’ — cyber security, cryptography, networking, and logic & coding.

Local businesses contributed to the workshops and activities, with the aim of supporting girls in learning more about the sector and creating a more diverse industry. During the event, Renishaw’s STEM (science, technology, engineering and maths) Outreach team ran 25-minute workshops in the logic & coding zone, with a challenge that involved coding a BBC Microbit buggie to move around within a defined space, helping them to develop an understanding of coding and how to create algorithms. Renishaw’s STEM ambassadors were on hand to explain how these coding skills apply to the wider technology industry.

“The EmPowerCyber event will give girls the confidence and opportunity to explore careers in STEM and in particular, to inspire them to consider a career in cyber security and technology,” commented Lucy Spiteri-Beale, Early Careers STEM Outreach Tutor at Renishaw. “Events like these offer businesses the chance to come together to address the gender imbalance in STEM related industries and make a real difference.”

“We recognise that everyone needs to do their part in changing the industry for future generations,” added Sarah Lewis, Early Careers STEM Outreach Tutor at Renishaw. “By partnering with events designed to highlight that opportunities exist for everyone, we hope to inspire all young people to consider STEM-based careers.”

According to The International Information Systems Security Certification Consortium (ISC)2, men outnumber women by three to one in the cyber security industry. CyNam hopes that running events like EmPowerCyber will help reduced this gender gap and get more girls and young women excited about a career in cyber security and technology.

Schools interested in attending EmPowerCyber events can contact info@cynam.org.

For more information about Renishaw’s STEM outreach programme, visit [https://www.renishaw.com/en/education-outreach](https://www.renishaw.com/en/education-outreach--34713?utm_source=Stone%20Junction&utm_medium=PR&utm_campaign=REC643).

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**Notes to editors**

Renishaw is a world leading supplier of measuring systems and production systems. Its products give high accuracy and precision, gathering data to provide customers and end users with traceability and confidence in what they’re making. This technology also helps customers to innovate their products and processes.

It is a global business, with over 5,000 employees located in the 36 countries where it has wholly owned subsidiary operations. The majority of R&D work takes place in the UK, with the largest manufacturing sites located in the UK, Ireland and India.

For the year ended June 2022 Renishaw recorded sales of £671.1 million of which 95% was due to exports. The company’s largest markets are China, USA, Japan and Germany.

Renishaw is guided by its purpose: Transforming Tomorrow Together. This means working with customers to make the products, create the materials, and develop the therapies that are going to be needed for the future.

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