

Lambert welcome Year 6 pupils from Riverside Community Primary School, Tadcaster for an afternoon of technology and innovation

Riverside CP School Tadcaster approached Lambert a short while ago to ask if we could help their year 6 pupils with some of the topics in their curriculum including robotics, mirrors, light and designing a car.

Lambert is always happy to work with education when we can so Monday 26 January 2015 saw 20 Year 6 pupils and teachers arrive at Lambert. For the first time in the history of the company 10 and 11 year olds were welcomed into the facility. Children had fun manually programming a **STÄUBLI** 6 axis robot to perform basic pick and place manoeuvres and then played a game of catch with the same robot. Videos of the different types of robots and the tasks they perform once programmed by the Lambert team proved extremely popular and raised lots of questions. Always safety first, the incorporation of light guards, a system of mirrors and light beams around machinery, was explained.



*Playing catch with a **STÄUBLI** Robot*

The children were then escorted round Lambert's 100,000²ft facility to see the types of engineering the company performs from making component parts for our automation systems to seeing manufactured machines producing customer products. Many of the machines producing customer product involve a vast array of robots completing many different tasks from pick and place, vision inspection and laser welding. Lambert even had the opportunity to showcase the fastest robot in the world!



Year 6 pupils in the Wainman Innovation Centre

Brenda Cartwright Riverside Year 6 Tutor was extremely enthusiastic about the visit and the huge amount of technology Lambert was able to share with the children. Commenting about the Lambert team she emphasised the total professionalism and friendliness of the staff and the family feel within the business. *“Every engineer is totally passionate about automation and engineering and the children got a huge buzz from this. This is without doubt the most informative and talked about school visit for a long time and we hope to make this a regular event in the school calendar.”*

To mark the visit a small desk top robot was presented to the school. Warren Limbert Managing Director commented *“it was fantastic to open our doors to young students and see them leaving with a passion for engineering. The children from Riverside were fantastic and a real credit to the school.”*

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Headteacher Ian Yapp added, *“in September last year primary schools introduced a new curriculum with the challenge of pupils using programming languages and control interfaces with primary age pupils. We are also increasingly tasked to ‘prepare’ children for life in modern society. This visit has combined these to great effect - our pupils have seen how ICT can be used in cutting edge technology to create innovative workplace solutions in a world class business. Great thanks to Lambert for being community minded in all they do.”*



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