

Young Engineers' Scheme

Congratulations to Alastair Brown, an A Level Technology and Design student on his success at the Young Engineers' National Awards, which was held in Birmingham in March 2016. He was awarded the Young Engineers' Award for Project Marketability.

Alastair whose A Level Technology project was a Slurry Gas Warning System (an electronic alarm unit that will measure the gas level when mixing slurry) was awarded a place on the Young Engineers' Mentoring Programme back in October 2015. Only 20 places are available to students throughout the UK and each student must make their own application along with a report from their teacher. The successful students were mentored by experienced scientists and engineers from the National Physical Laboratory in London. Extra help was also provided by the Worshipful Company of Scientific Instrument Makers and Young Engineers. Together they provided a unique and fantastic opportunity for school students looking to progress their knowledge, skill sets



and personal development. After completing the scheme successfully, Alastair was asked to attend the Young Engineers' National Final in Birmingham.

Young Engineers is a UK Educational charity that believes participation in practical engineering activities provides the best way of encouraging

young people to study STEM subjects and take up careers in Engineering. Each year the Young Engineers offer a Mentoring Scheme for students throughout the UK. Students are asked to apply for a place on the scheme where they will be mentored by experienced scientists and engineers from the National Physical Laboratory in London.

Year 8 'Inspire Me STEM Day'



Approximately forty to fifty Year 8 pupils participated in a full day, 'Intelligent Systems' workshop run by Sentinus STEM programme. The purpose of the workshop is to get pupils enthusiastic and excited about Science and Engineering. Pupils were able to work in teams to complete practical activities using electronics. Pupils would use this information to complete a conceptual design task. The Intelligent Systems workshop encouraged pupils to work in small groups to develop their teamwork, communication, practical and creative skills.



Projects Showcase

Some examples of the products that have been designed and manufactured by pupils in the Technology and Design Department.



Andrew Millar



Beth Porter



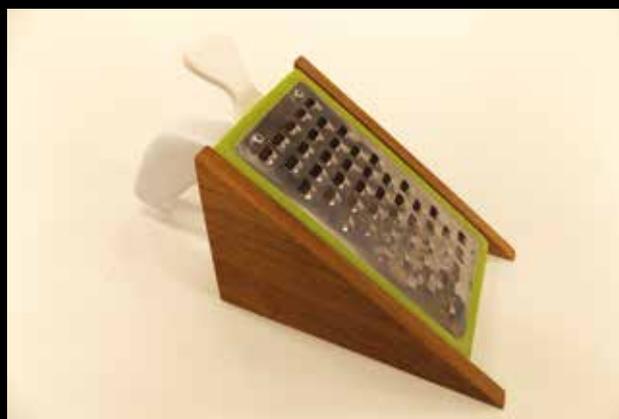
Christopher Wilkinson



Jack Edgar



Laura Graham



Ross Cartmill