

Excitement building for school engineering awards

The Tomorrow's Engineers programme, led by the engineering community, provides young people the chance to engage in hands-on activities showcasing the benefits of a career in engineering.

As part of their annual curriculum-linked Robotics challenge, the 11 to 14 year-old students from the Cynon Valley learned how to build, program and control autonomous LEGO robots to complete a series of missions. This has given them first-hand experience of solving real-world engineering, technology and computing challenges, as well as working as part of a team.

Ysgol Gyfun Rhydywaun, who won their South West region final, have now been invited to compete in the UK final at the Birmingham NEC on Friday (March 17).

Kirsty Williams said,

“This is a brilliant success story and I would like to wish the school and its pupils the best of luck for the final. Their achievements link well with our key ambitions of raising standards in the learning and teaching of science and technology.

“We want our young people to be able to reason scientifically and understand the value of scientific approaches. This is key for the 21st Century, as tested by PISA, and our new curriculum is being designed to better integrate this approach.

“Earlier this year, I announced a new national network of excellence for science and technology aimed at improving pupils' experience of the subjects at school. The network will involve schools working with the science and technology departments of universities, education consortia, further education and other experts to learn from the best practice available.”

This success follows on from that of Team Tachyon, a group of year 11 pupils from Denbigh High, who recently won three awards for Wales at the F1 in Schools World Championships in Austin, Texas.