

Case Study: Healthy Communities

‘Bridges to Schools’ 2018 – Kinross



Perth Transport Futures Project – Phase One
A9/A85 Perth Transport Futures Project

16th March 2018

Marking the confluence of British Science Week, the Year of the Young Person and the 200th Anniversary of the ICE, Perth and Kinross Council and Balfour Beatty ran the very successful ‘Bridges to Schools’ event at Kinross Primary and Kinross High

“Developing the Young Workforce starts at an early age and practical demonstrations like this engage youngsters and encourage them to consider how the world around them works.”

John Robertson, DYW PKC, Employment Engagement Adviser

The Challenge

To promote careers in Civil Engineering during British Science Week, the team at the Perth Transport Futures/A9/A85 project ran the Institute of Civil Engineers’ (ICE) ‘Bridges to Schools’ event at Kinross Primary School and Kinross High School between the 12th and 16th of March 2018.

The Measures

The team ran the event previously in 2017 at St Johns High School in Perth and delivered the workshop to over 180 pupils. Following extremely positive feedback and a strong demand from schools in Perth as well as the Perth and Kinross Developing the Young Workforce (DYW) team, the decision was made to run the event for a second time. The workshop, aimed at P7 and S1 students, gave pupils the opportunity to build and test a 15 metre scale model of a cable-stayed bridge, provided by the Institution of Civil Engineers (ICE) regional education team. By completing the workshop, pupils learn about the importance of safe working practices and collaboration

as well as the engineering properties involved in building a bridge including; counter weights, towers in compression and cables in tension, as well as the principles and practical application of STEM subjects in engineering and the challenges and rewards associated with working as a team to complete a project.

The Outcome

The event in Kinross was a great success with over 360 pupils and teachers going through the workshop throughout the week. At the end of each session, the classes were shown a film, produced by DYW in partnership with Balfour Beatty, promoting apprenticeships and starring our own Bethany Welsh as well as a video showing drones in use on one of Balfour Beatty’s sites. Ending the session in this way left pupils thinking about the variety of possible routes into construction and the numerous roles available within the industry.

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