

Case Study: Healthy Communities

DEC! Perth Academy – Surveying Lesson



Where:
**Perth Transport Futures Project (Phase One),
Scotland**

When: 1st February 2018

Who: Ken Brown, Deputy Project Manager and
Alan Dykes, Chief Land Surveyor, Balfour Beatty.
Lorna Sherriff and Sarah Brown, Perth Academy

*“Thanks very much for doing this, I think it
will really make a difference both with the
youngsters and their choices”*

**Graeme Dickie, Director of Operations,
Balfour Beatty Regional**

The Challenge

Balfour Beatty has sponsored local high school, Perth Academy to fund the delivery of the ambitious Design, Engineer, Construct! Programme (DEC!), an accredited learning programme for secondary-school age students and has been expertly developed to create and inspire the next generation of Built Environment professionals. Balfour Beatty provide both a financial input to fund the course as well as regular curriculum support from key members of the wider Balfour Beatty team. This January saw the team provide a bespoke lesson on Surveying.

The Measures

Balfour Beatty's Chief Land Surveyor, Alan Dykes, attended the school to give a presentation and hands on experience of the use of 3D digital scanners. Alan brought with him both a fixed high definition and a hand held system. The pupils were able to see the scans

they were in in real time, giving the pupils a unique insight into the capabilities of modern surveying equipment. Some of the class from last term then went on to scan the library as part of a plan to redesign the space.

The Results

Alan was able to download the 3D model to allow the pupils to review the data for use in their projects over the coming weeks.

Many thanks to Opti-cal survey equipment in Livingstone for the loan of the scanner.

The DEC programme will continue for a further year and a half at Perth Academy.

For more information, please contact:
Duncan.gardner@balfourbeatty.com