

CASE STUDY

Northumberland College STEM Building

ESH ADDED VALUE 



Division:
Esh Build



Client:
Northumberland College



Value:
£1.3M



Dates:
Dec 2016 – Dec 2017

The new Northumberland College STEM centre in Ashington will provide a base to maths, science and digital courses at the college. The STEM building provides 683m2 of high quality education space providing flexible open plan teaching facilities.

The STEM centre includes specialist science and technology workshop facilities including fab labs, clean rooms, digital 3D imagery equipment, nanotechnology, microscopes and digital fabrication equipment for prototyping. The bespoke building will enable the college to add a range of new courses that will address the STEM skills shortage.

Added Value Deliverables

Deliverables	Requirement	Achieved
Workshops	0	3
Site Visits	0	84
Work Experience	0	3
Esh Communities	0	1
Site Safety Presentation	1	1

Building My Skills

Esh have developed an award-winning programme for education establishments called Building My Skills (BMS). We have worked with 50 partner businesses to deliver the free employability programme to 44 schools and colleges across the North East.

This academic year we worked with three schools in the area including Cramlington Learning Village, James Calvert Spence and The King Edward VI School engaging with approximately 580 students.

Delivered in five hour long sessions over the course of an academic year, the programme opens the eyes of young people to the world of work and provides guidance on CV writing and interview techniques.

Students who attend all BMS sessions and complete their employability portfolios will be given the opportunity to attend a mock interview day at the end of the programme. Promising students who have previously attended mock interview days have been offered work experience, gap year placements and employment.



Site Visits

Within the last calendar year our Added Value team have organised 76 visits to site for over 1500 people from schools, colleges and universities. All visits are organised by Esh Added Value who work closely with our health and safety team to ensure all necessary safety and safeguarding standards are met.

Our site visits are very interactive, firstly visitors complete a health and safety induction and are given an overview of the project and key operations happening on the day. Personal protective equipment (PPE) is checked before visitors leave the site cabin. Once on site all visitors follow a pre-designated walkway and stop to view key operations and points of interest. Our site teams are always happy to answer questions and explain what the visitors are viewing. Visitors can take photographs and ask questions where appropriate.

During the completion of the works 12 site visits were arranged for students from Northumberland College. We engaged with 84 students who were studying a range of construction related disciplines.

Date	Discipline	Cohort Size
30/03/17	Bricklaying	9
05/04/17	Plastering	5
6/04/17	Joinery	9
26/04/17	Multi Craft	9

27/04/17	Electrician	9
03/05/17	Plumbing	4
05/05/17	Painting & Decoration	3
10/05/17	Engineering	10
11/05/17	Engineering	5
17/05/17	Tiling	4
18/05/17	Welding & Fabrication	7
24/05/17	Electrical	10

Work Experience

Esh Group believe it is important for education and business to work together to ensure that young people are better prepared for the world of work, develop the necessary skills and are motivated.

Three 5-day work experience placements were provided to students from Northumberland College including; electrical, plumbing and plastering.

Esh Communities

Esh Communities accepts grant applications from any community group, charitable organisation or social enterprise which can demonstrate the aptitude and ability to make a real difference to their service users. It is our aim is for every local authority we work in to have at least one charity partner. Applicants complete a simple online application for a grant of between £50 and £1000. Applicants complete 6 sections including their personal details, the target group, and the anticipated impact and specifically how the money will be spent. If successful, the first half of the funding is issued by cheque and the second half when a member of Esh Group staff visits 4 months later.



Esh Communities has awarded two organisations with £2000 of funding in the most recent round of the programme including Josie's Dragonfly Trust and Northumberland Community Voluntary Action.



As a direct result of your donation we can continue to work directly with young people affected by terminal illness



- Nigel Sewell,
Josie's Dragonfly Trust