

## Meaningful Learning Experiences

Strategic Commitment	✓	Curriculum projects written into the school's CEIAG plan
Curriculum Provision	✓	One of three subject areas chosen for exemplar projects
Employer Partnerships	✓	Involving a local organisation in a non-standard sector
Reflective Young People		
Informed Career Choices	✓	Providing a positive example of local opportunities

### Year 8 students use 3-D drawing skills to make a housing development attractive for residents

As part of fulfilling the Key Stage 3 curriculum aim to ensure that all pupils, *'become proficient in drawing ...'*, Art teachers at Thornaby Academy set year 8 students a 3-D drawing task. The teacher brief for this project acknowledged that this is, *'... Not a subject area where I have specific knowledge or experience'* and that *'Students are highly motivated and respond to competitions'*.

National construction firm Keepmoat had recently taken on a contract to complete building over 60 homes for a local housing association after the previous builder had gone bust. The homes were being built in an unattractive area known for anti-social behaviour and students were challenged to come up with ideas – communicated using 3-D drawings – about how the area could be made more attractive for residents.

A young, female quantity surveyor presented the challenge to students on a short video clip, filmed on the building site, and Keepmoat provided architect's drawings, the housing association's criteria and other information for students to research.

At the end of the project, a team of three staff from Keepmoat – including the young quantity surveyor – came in to review the work of student groups, using a scoring grid that combined business criteria and academic learning objectives. As well as motivating students to prepare a good presentation, they took the opportunity to ask the guests about their jobs and backgrounds.

Students' ideas included sustainable construction methods (an important aspect of Keepmoat's work) and innovative and 'off-the-wall' ideas that the management team recognised would not normally be considered, but which were relevant and provided food for thought.

### Benefits for the Students

- *'Usually Miss gives us the task she wants us to do ... this time it was an actual company'*
- *'The challenge was to make the homes sustainable and modern ... It make it more real'*
- *'We appreciate it because they took the time to come here and see our work'*
- *'She said it was a good idea ... I felt good that I came up with something worthwhile'*
- *'I learned that anyone can do any job and it doesn't matter about gender, age or race'*

### Benefits for the School

- Teaching staff incorporated the Keepmoat challenge and resources into their own scheme of work and classroom learning resources for the 3-D drawing project
- The project fulfilled the pre-stated ideal outcome of, *'Students working on a real, client-focused challenge'*
- Keepmoat is now one of three local employers that were involved in a series of pilot projects that can now be potentially involved in other curriculum areas

### Benefits for the Employer

- *'The output has been really good ... you can tell they have put in the time and effort and researched Keepmoat as a company'*
- *'It's really good the way the school and the students have engaged with this project ... It's encouraged me to come back into the school'*
- *'It's amazing the ideas they came out with that even we might not have thought of ... some of the ideas are sustainability elements that we are actually looking at'*

**Presentations Scoresheet**

The work from each team of students is required to:

1. Create a space where people can feel safe to live and play
2. Help reduce crime and anti-social behaviour in the area
3. Contribute to independent living for older residents
4. Include drawings from at least two perspectives
5. Show that they have each worked as part of a team
6. Each complete the online self-assessment form

Team Name	1 - Little evidence      10 - Strong evidence				Total
	1. Safe Space	2. Reduce Crime	3. Independent	4. 3D Drawings	

Launched in the classroom with a video clip and resources from Keepmoat, students worked in normal lessons before presenting their ideas, with scoring based on business and academic criteria.