



TECHNOLOGY > GRAPHICS

Type of Placement: Initial one-day group placement followed by two full days design, especially Graphics follow-up group work with individual work to support this. This project took place over one academic year.

Curriculum Links: Key Stage 4 Technology, Design especially Graphics.

Summary of Benefits: Improved profile for the company and knowledge of industry. Lesson plans and schemes of work for teachers.

Description:

The first day included:

- A visit to a site planned for major international development
- Inputs from the development team describing their vision for the site and the public consultation, which had taken place
- Group discussion to explore how links with the development could be used to support the curriculum

Two further days enabled the teachers to look at the history of the site and use plans from the local council and archives to write lesson plans.

Outcomes:

For the business

As this was a sensitive local issue, it gave the development company the opportunity to raise awareness of the potential for the site and the range and number of jobs, which would be created.

For the teachers

This produced a scheme of work incorporating 8 lessons looking at the development of the plans, buildings and sculptures. Scale models were designed and constructed using a variety of materials.

For pupils

A site visit was organised to enable the pupils to relate their classroom work to the local community. Class discussion was encouraged to raise awareness of the issues involved in such a major development.



All areas will have construction companies in operation and often it is easier for these companies to make links with teachers rather than offer work experience with its potential health and safety risks. Regional CITB reps might be able to help make links or suggest suitable companies or there might be companies working on school premises. Teachers can also make links with the citizenship curriculum, and look at issues of sustainability through these types of placements.

Consider working across borders



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Type of Placement: Group one-day placement offered across a number of local EBPs on site at a major construction company.

Curriculum Links: Key Stage 4 Technology especially Design Technology, also construction and careers

Summary of Main Benefits: For Businesses: improved knowledge of industry and links with local schools. For schools: work-related links, excellent company links, improved knowledge of industry.

Description:

The one-day programme was designed for staff teaching Design Technology, construction and careers.

a.m

- Introduction to construction industry, the company, construction processes and different roles within the industry
- Interactive design session. Delegates were asked to design a house using similar constraints to the company

p.m

- Overview of the project
- Site tour and Health and Safety Hazard spotting exercise.

Outcomes:

For the Business: The construction industry as a whole has a problem recruiting staff and placement days are an opportunity for changing perceptions. It also gave the company a way to make links with local schools and promote a design competition they were launching with schools.

For the teachers: “An excellent insight into the construction industry and the possibility of forming good school industry partnership relationships.”
“Opportunities to look at ICT in business and design, careers and work-related learning opportunities.”

“The development of design and manufacturing schemes of work from the design of the building, and problem solving.”



All areas will have construction projects taking place. Some EBPs have tapped into major initiatives, such as Terminal 5, Olympic developments, regeneration developments, ring-roads, bridge building, new or revamped stadiums, racecourses, flood relief work etc. Major projects will enable teachers to develop materials over time. Companies may be willing to sponsor resource packs once these materials are developed.

Consider working with your neighbouring EBPs