



TECHNOLOGY > RESISTANT MATERIALS

Type of Placement: One-day placement for one teacher at an engineering product development company

Curriculum Links: Key stage 4 Technology, Resistant Materials syllabus

Summary of Main Benefits: Improved industrial links and understanding

Description:

This placement was designed to:

- Look at concept design for product development
- See how the curriculum can be related to professional practice
- Develop links with a local business to support Resistant Materials syllabus

The teacher (from an Enterprise School) spent the day on site at an engineering product development company and was shown how products are designed, prototyped and developed.

Outcomes:

- The teacher found the visit very useful and it achieved his aims
- The teacher planned to take his students to the company
- He will continue the link by creating curriculum resources



When the placement is only for one teacher it is possible to target the programme around very specific aims. A pre- placement meeting for the teacher and the company would be especially helpful in these cases.

Consider involving your local colleges



TECHNOLOGY > RESISTANT MATERIALS

Type of Placement: One-day group placement at Jaguar in the West Midlands

Curriculum Links:

Key Stage 4 Technology, especially Resistant Materials

Summary of Main Benefits:

Ideas for assignments and problem solving for students.

Description:

The programme for the day included:

- A tour of the production facilities
- A talk on current technologies and the use of ICT and machinery

- A look at the spray shop facilities
- Observation of the use of robotic technologies

This site is unique in taking in the raw steel and turning out the finished product.

Outcomes:

- Teachers were able to observe first hand the application of technology
- Teachers could see where the growth areas of technology were occurring
- Gain ideas for assignments and problem solving activities for students



This type of opportunity is offered across the West Midlands, but is sometimes open to teachers from other areas. Discuss with your PDP rep what opportunities are offered across regions.

Market on the basis of developing lesson **plans/resources**