

# CASE STUDY

# maths day

EBP  
NATIONAL NETWORK

L O N D O N R E G I O N

**Theme:** Maths  
**EBP:** HOUNSLOW EBP  
**Partners:** IBM, Trading Standards (Hounslow), Connexions, The Army, The RAF  
**Students:** 180 Year 10 students of Feltham Community College

## Aims

- to enable students to see how mathematical skills can be applied in the context of employment.

## Procedure

After initial discussions the Enterprise Advisor and Business Links Co coordinator worked with school staff to contact organisations and invite them to offer a 50-minute interactive session/ presentation for a group of 20 students. The session would need to be repeated four times so that all students could benefit. Employers and organisations were briefed as to the mathematical understanding and knowledge of Year 10, and were guided that the session should be split into roughly three parts, in line with effective teaching and learning strategies. Presentations were checked by the Enterprise Adviser, Hounslow EBP and Mariella Wilson in advance of the sessions.

## Programme

Students had the opportunity to experience how mathematical skills are used in a variety of organisations:

- Army – self-managed teams solving practical problems e.g. planning and building shelters;
- RAF – self-managed teams working to solve maths related problems e.g. logistical planning of loading goods onto aircraft, observation and 6 digit references;
- IBM – planning, budgeting and selecting a marketing campaign using targeted mail shots;
- Trading Standards – assessing the value of counterfeit goods on the local market;
- RBS - working in teams using role plays to produce precise detailed budgets;
- Connexions – looking at types of employment that use maths, how they do so and why.

## Outcomes

- The majority of students commented very favourably on the experience.
- Teachers from the Maths Faculty felt that the students had received unique opportunities to see how maths is used and in the process were introduced to both local and national employers.

## Progression

Employers and other individuals involved in this project felt it had been an overall success. It is anticipated that the days will be repeated next year.