

CASE STUDY

science @ work

EBP
NATIONAL NETWORK

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

Theme: Science
EBP: HARINGEY EBP
Partners: Amabilino Pyro Displays, Ambulance Service, Mountview Management, Nicholas Hare Architects, Canegreen Ltd, Capel Manor, Haringey Council, Coca-Cola, Organic Hair Company, North London Garage Group Training Association, Paul Welds Photography, MacMillan Cancer Relief, TeleWest, TSI Voice & Data
Students: for Year 9 students of Alexandra Park Mixed Community Comprehensive, a Specialist Science School

Aims

- To celebrate National Science Week and stimulate greater interest in science
- To show the relevance of a science background to a range of occupations
- To develop knowledge and understanding of the world of work
- To enhance the science curriculum
- To support the development of careers education
- To link with the option choice process

Procedure

The EBP's role was to make education business links

Programme

The programme utilised a variety of approaches to learning, including small group practical activities, drama presentation, visual firework displays, a quiz and formal presentations. Topics covered were Sound Systems, Animal Care, Manufacturing/Taste, the Environment, medical Services, Nursing, Motor Engineering, Science & Hairdressing, Photography, Internet and telecommunications.

Outcomes

The project provided young people with valuable learning experiences. It also provided the school an opportunity to work with a wide range of science related companies.

Progression

The project proved to be effective in a variety of ways, including:

- Supported the Science curriculum and enhanced the application for specialist school status
- Developed a wide range of 'science' based employer contacts in the local community. They must have valued the opportunity to work with the students and school as all workshop presenters agreed to support a similar event next year
- Provided a focus for auditing the provision of WRL in the school
- Initiated plans for extending the project to include mathematics and technology departments
- The event also served as a Careers event



CASE STUDY

science tasters

EBP
NATIONAL NETWORK

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

Theme: Science
EBP: HAVERING BEP
Partners: Fords, Setpoint, GTI, Metropolitan Police, Science Museum
Students: Yr 8 & 9 students of Marshalls Park School

Aims

- To provide science and technology taster days for Years 8 and 9 at CEME
- To provide work related industry days for years 8 and 9

Procedure

Havering EBP set up the business contacts

Programme

Work Related Industry Days were held:

- | | |
|--------|--|
| Year 8 | Rocket launching
Buggy racing
Tower building
Forensic science competition |
| Year 9 | The Great Egg Race
Liquid Nitrogen show
Robotics |

Outcomes

- Students, having experienced rocket launching and buggy design, visit CEME (Centre for Engineering and Manufacturing Excellence) for a taster day viewing the real technology behind the designing/building of rockets and buggies
- Year 9 students who won the forensic science competition have the opportunity to visit Queen Elizabeth University's forensic science laboratories

Progression

Students can decide their KS4 science and technology learning routes

