

## The Industrial Trust Chemistry: the next generation SOUTH EAST CASE STUDY

On Monday the 10<sup>th</sup> March 2008 12 year 8 Students and 2 teachers from Woodlands Community School visited Fawley Power Station.

Here they were to discover how Chemistry is an important aspect of the management of a power station, and would be surprised to hear about the careers that studying Chemistry can lead to

### Programme:

09:30 Introduction, outline of day and health and safety  
10:00 Group 1 meet with Mark Foot, Station Chemist – his role at Fawley  
10:15 Group 1 hands-on chemistry session  
10:00 Group 2 tour of site with David Kirkman, Station Guide  
11:30 Break and refreshments  
12:00 Group 2 meet with Mark Foot, Station Chemist – his role at Fawley  
12:30 Group 2 hands-on chemistry session  
12:00 Group 1 tour of site with David Kirkman, Station Guide  
13:30 Q&A session and evaluation

### Teacher Feedback

"I found the day extremely beneficial for the students; it was really good for them to get a chance to do some 'real' chemistry. The workshops were well targeted to the pupils' needs and abilities, which is a credit to the liaison that occurred beforehand between the Industrial Trust, the school and Fawley.

Informal discussions with pupils on the way home showed that it inspired them to consider chemistry careers. I think that at least a few of the students would now consider continuing chemistry - the show of hands at the end was greater than the feedback they gave to questioning at the start of the day."

**Kennedy Chung, Advanced Skills Teacher, Science, Woodlands Community School**



### Student Feedback

"This will be very useful for my science studies"

"I learnt how to find out the pH value of an acid"

"I wish we could have had more time!"

"I learnt how acid rain is formed"

**Year 8 Science Students, Woodlands Community School**

### Company Feedback

"Personally, I think the day went really well. We all felt the students benefited from the day, especially the hands-on experimental side and we found the students to be well behaved, attentive and they all followed instructions really well.

We have all commented on how much we'd like to do this again and we hope we were able to inspire some of the students to further their studies into chemistry and made them see how it relates to their every day experiences. We really hope that the students were able to see how fun it can be using chemistry as a means of investigation and hope that they returned with some new and renewed interest in their science-based classroom activities."

**Diana Deans, Fawley Power Station**