

The Industrial Trust - Chemistry the Next Generation – SOUTH EAST CASE STUDY

Highdown School, Reading
Year: 9 (13/14 Years Old)

Johnson Matthey Technology
Group Size: 26 Students and 2 Teachers

Friday 01 February 2008

Programme: Depart: 09:30 Highdown School
Arrive: 10:00 Johnson Matthey Technology Centre
10:00 – 11:15 Group 1 Hands-On Session *Making A Solar Cell*
Group 2 Catalysts and Fuel Cells
11:15 – 11:30 Refreshments
11:30 – 12:30 Tour featuring Practical Demonstrations
12:30 - 13:00 Meet The Scientists: *'Why/How I Became A Scientist'*
Question and Answer Session
Depart: 13:00 Johnson Matthey Technology Centre
Return: 13:30 Highdown School

Teacher Feedback

"Thanks very much to Johnson Matthey for all your time and effort, the students had a fantastic time"

Sara Capaldi, Chemistry Teacher, Highdown School

Teacher Feedback on "Chemistry: The Next Generation"

'The students were curious to find out what went on in professional laboratories and they were delighted with their findings. They loved putting on the lab coats and getting stuck into some real experiments. They seem much more positive about the purpose of Chemistry in the real world as a result and it is anticipated that many of them will consider it a possible career choice. Many thanks to all the companies who allowed us to visit'.

Sara Capaldi, Chemistry Teacher, Highdown School



Student Feedback

"It was a fun day of learning"
"I liked making the solar panels with raspberries"
"Thank you for the time you took to do this. It was very interesting."
"We got to touch expensive equipment and see how it worked."
"It was brilliant"
"I got to hold £50,000 of platinum"
"Very Good (Very Very Good)"
"It was a great day thanks"
Year 9 Science Students, Chemistry School



RSC Feedback

"This type of event helps to put Chemistry into context and it is great to see the students enjoying some "hands-on" science. It can really improve their perception of science and we are very grateful to Johnson Matthey and the other employers for providing these opportunities."
Dr Jennifer Hider, South East Regional Co-ordinator

Company Feedback

"There is a strong tradition in Johnson Matthey for sites to play active roles in the communities in which they operate. It was a delight to host a visit from the local Highdown School to promote education and the advancement of science. We were rewarded by the students' interest and enthusiasm and hope to have shown them a new dimension to a career in science which is not only challenging and rewarding but can also make a difference to the world we live in".

Dr Barry Murrer, Director, Johnson Matthey Technology Centre