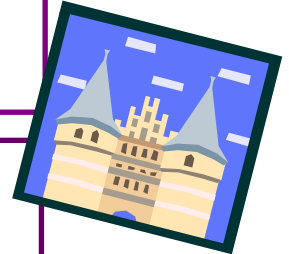


Target Group: Years 4 - 6
Student numbers: 30
Venue: Imperial College London, Reach Out Lab
Dates: Thursday 5th - Friday 6th August 2010
Times: 10.00am - 3.15pm each day
Cost: £106 per student

How are
perfumes
made?



Course aims

Raise aspirations and attainment in science and maths and provide exciting investigation of *How Science Works!*

Objectives

- Provide hands on experience of problem solving
- Demonstrate real world examples of Science, Technology, Engineering and Maths (STEM)
- Inspire confidence and creativity in STEM
- Provide a set of team investigations which develop scientific enquiry skills

Activities

Children will take part in a range of exciting, hands on science and maths activities led by Imperial College science and maths graduates. Activities will be large scale demonstrations, hands-on investigations and design and build activities for children to investigate how things work in the world around them, such as:

Biology: *Getting plastic from milk*

Chemistry: *Making perfumes*

Physics: *Creating fruit batteries*

Maths: *Investigating towers and bridges*

Can a
lemon
power a
calculator?



What are
curds and
whey?

How do I get involved?

- Places are allocated on a 'first come, first served' basis
- For more information or to book this course please contact Ella Lawson
- E-mail: events@exscitec.com Tel: 01730 235654
- Or Write to: Exscitec House, The Avenue, Petersfield GU31 4JQ

