

# BRINGING SCIENCE TO SCHOOLS

At Begbroke we turn scientific discoveries into everyday products - a process which requires imagination, creativity, entrepreneurship, business skills and much more.



The application of science to find real-world solutions is at the heart of everything we do. Our free schools programme inspires young people to consider a career in science and develop the next generation of technology.

*"The timing and content were both superb."*

Dave Tapley, The Unicorn School

*"Fantastic practicals, really well explained & very friendly staff."*

Rebecca Cleves, University of Reading

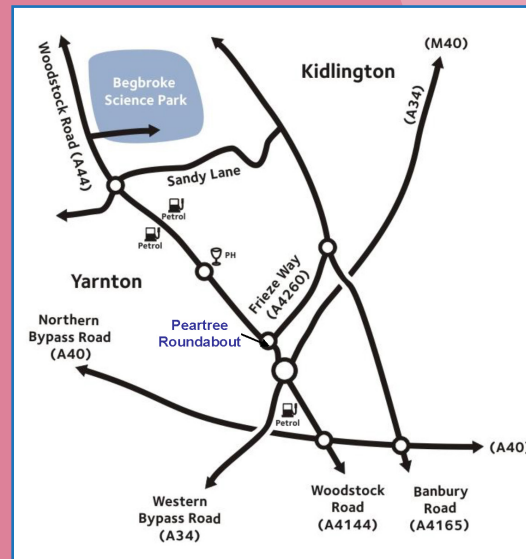
*"It was really enjoyable because I have learnt about things I had never thought of before. The activities were very fun, especially the magic sand."*

Meghan, Our Lady's Abingdon

# ABOUT US

Begbroke Science Park is home to over twenty research groups from six university departments, as well as more than thirty high-tech start-up companies.

## HOW TO FIND US



We are situated six miles north of central Oxford. Follow the signs to Begbroke Science Park from the A44 just outside the Oxford ring road. Our site offers free parking.

### What else can we offer you?

Get in touch to discuss bespoke presentations, careers workshops or school visits.

Begbroke Science Park

Woodstock Road  
Begbroke  
Oxfordshire  
OX5 1PF

Tel: 01865 283700  
Fax: 01865 374992  
events@begbroke.ox.ac.uk  
@BegbrokeScience  
www.begbroke.ox.ac.uk



BEGBROKE  
SCIENCE PARK



## SCHOOL EVENTS 2025

Bringing Science to Schools

### INNOVATION SHOWCASE

12 March 2025

### PRACTICAL NANOSCIENCE FOR KS3

11 June 2025

### PRACTICAL NANOSCIENCE FOR TEACHERS

July 2025 - TBC



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# INNOVATION SHOWCASE

12 March 2025

09:30am-12:00pm

Showcasing students as they develop their 'bright ideas' into commercial products whilst discovering exciting career paths within science.

## KEY STAGE 3/4 - YEAR 9/10

- Students translate scientific discoveries into a business idea that requires entrepreneurial thinking
- Teams pitch their ideas Dragons' Den style, competing for our coveted Innovation Award
- Includes visits to research groups like the Impact Engineering Laboratory and the Materials Testing Facilities
- Students can ask the experts for careers advice as they tour the site

We expand your students' perception of career opportunities in science, specifically introducing the idea of entrepreneurship in science and technology, by demonstrating how we turn scientific discoveries and cutting-edge technology into commercial reality.



# PRACTICAL NANOSCIENCE

11 June 2025

09:30am-12:00pm

Fuel your students' curious minds and let them explore the Nano World at Begbroke Science Park with hands-on practical exercises.

## KEY STAGE 3 - YEAR 8/9

- How small is a Nanometre?
- Carbon Nanotubes and Buckyballs
- Scanning Probe Microscopy
- Ferrofluids
- 'Memory Metals'
- Hydrophobic Coatings
- An introduction to Colloids

Leading nanoscientists at the University of Oxford will give your students invaluable insights into the world that surrounds them and inspire them to consider the importance of scientific research as the key driver of new technologies.



# PRACTICAL NANOSCIENCE FOR TEACHERS

July 2025 - TBC

10:00am-3:30pm

Training teachers in nanoscience, giving them the resources and skills to support the teaching of GCSE/GCE/BTEC science curricula.

## SCIENCE TEACHERS

*"It gives hope that modern research science can get into school teaching. It was very informative and excellently staffed too!"*

- Hands-on experiments that can be repeated in the classroom
- Background lectures to the experiments
- Laboratory visits provide an insight into science and technology research and the skills required
- Includes lesson plans, lists of consumables, handouts and presentations to be used in class

Providing teachers with the means to inspire pupils to continue studying science, technology and engineering subjects beyond the age of 16.

