

Imperial College  
London

# Raising STEM attainment in the Wohl Reach Out Lab

Celebrating a decade of interactive  
schools outreach

[imperial.ac.uk/outreach](https://imperial.ac.uk/outreach)





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## The Wohl Reach Out Lab

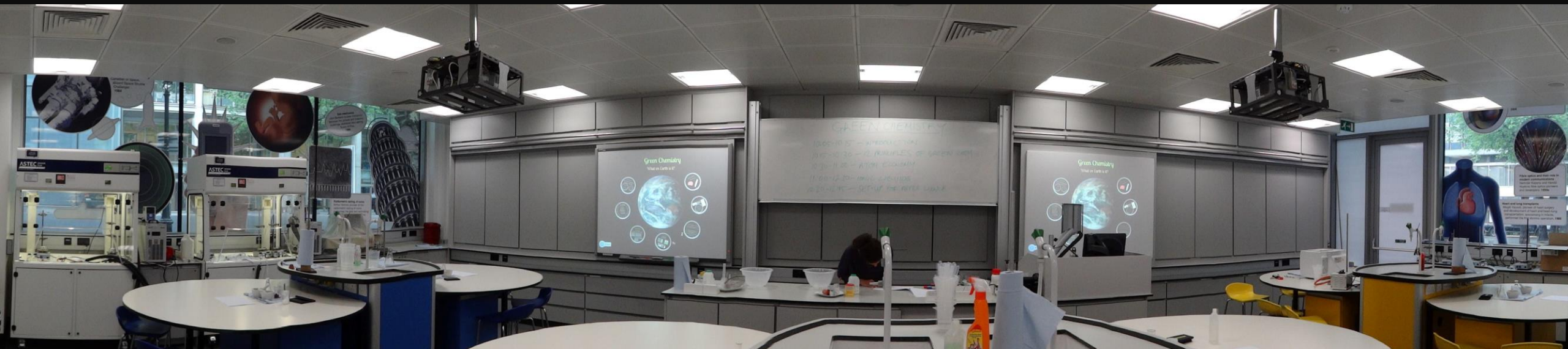
Celebrating a decade of  
schools outreach excellence



**39,200 pupils from  
primary to post-16**

**... from 1,909  
schools and  
colleges**

**8,000 Imperial staff  
and students have  
supported activities**





## Addressing challenges:

- Lack of high-quality practical STEM experiences for school pupils
- Access to scientific equipment
- Gaps in teacher knowledge and confidence



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## What goes on in the Reach Out Lab

- Whole day immersive STEM activities
- Sessions for summer schools and cohort programmes
- Teacher training and CPD



## Existing research and evaluation

- Two PhD projects so far

*Identifying Impact at the Reach Out Lab:  
A grounded theory study of the factors that  
facilitate increased STEM engagement*  
**Alex Moss**

*Evaluating the impact of practical STEM  
outreach educational activities:  
A case study into the Wohl Reach Out Lab.*  
**Roberts Zivtins**

- Post-activity surveys, teacher and mentor feedback and observations.

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## Where we are now

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*Meeting Ambassadors and hearing about their experiences and educational pathways?*

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Authentic experience of university learning

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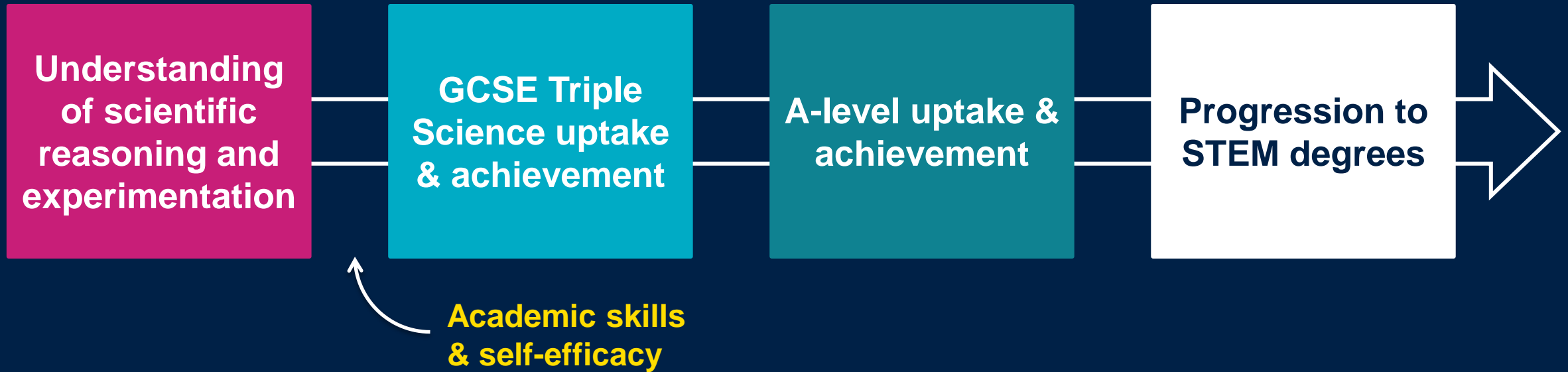
Not just more school! Scientific reasoning and experimental skills

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Building subject and scientific capital through experiences and equipment, appreciating the wider context

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## Our thinking on attainment-raising





## Future plans

- Refocus on developing practical STEM skills for pupils and teachers
  - ROL sessions as part of long-term attainment-raising programmes
  - Building STEM confidence, skills and understanding in younger age groups
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Thank you!  
Any questions?

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