

PRACTICAL SCIENCE PRACTICAL SCIENCE PRACTICAL SCIENCE



W
WYCHWOOD
INSPIRES
SUMMER
School

I Can.. Science

Dates: 4th – 8th August 2025

Age: 9-11 years

Course size: 12 students

Course Cost: £359 (inc VAT)

Package includes:

- Hands-on workshops: learn through interactive lessons
- Expert tuition
- All course materials
- Hot Lunch

What you can expect:

- **Gain hands on practical experience in the lab** with interactive lessons with Oxford University qualified tutor.
- **Small class sizes** for individual attention.
- **Make lasting friendships**, creating memories that will last a lifetime.

PROGRAMME OVERVIEW

Experiment like an Oxford Scientist!

I can science is a 5-day science course designed for students in school years 4-6. It focuses on practical investigative work where pupils learn and practise experimental techniques and use them to plan and execute their own investigations.

The two morning sessions involve students carrying out experiments to develop their manipulation of, competence and confidence with laboratory equipment. The afternoon session involves students using these skills in carrying out their own investigative work or using what they have learned to solve a problem. Under the guidance of the instructor they will plan their own experiment, carry it out, analyse and write up their findings.

This is excellent preparation for secondary school science and extension for those interested in science.

What do the students need to bring?

All materials for the session will be provided. Students need to wear comfortable clothing which they will not mind getting messy. They should make sure they have closed toe shoes on. They should bring a water bottle for break time and ensure they have a suitable coat/rain jacket/sun hat for outside experiments depending on the weather that day.

Programme Tutor: Abigail Stacey

Abigail is the Academic Deputy Head at Wychwood School, Oxford and has worked for many years teaching science both in the UK and overseas in Norway and the US. She has an honours degree in Chemistry from the University of Oxford and a Master's Degree in Education from Oxford Brookes University where her thesis explored academic buoyancy and students' ability to persist with their learning when things get difficult.



SAMPLE TIMETABLE

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00am - 10:30am	Introduction and Safety Briefing Biology - experiments with Microscopes	Physics - experiments with motion	Chemistry - experiments with crystals	Chemistry - mixtures	Physics - experiments with density
Break	Break	Break	Break	Break	Break
11:00am-12:30pm	Chemistry - experiments understanding acidity	Biology - quadrats	Physics - Electricity	Biology - food experiments	Chemistry - slime experiments
Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
1:30pm-2:30pm	Practical Investigation or Challenge	Practical Investigation or Challenge	Practical Investigation or Challenge	Practical Investigation or Challenge	Practical Investigation or Challenge
Break	Break	Break	Break	Break	Break
2:45pm - 3:30pm	Analysis and write up in comp lab	Analysis and write up in comp lab	Analysis and write up in comp lab	Analysis and write up in comp lab	Analysis and write up in comp lab

WANT TO LEARN MORE?

For more information on our other courses, and to book:

[Wychwood Inspires Summer School 2025 - Wychwood School](#)

