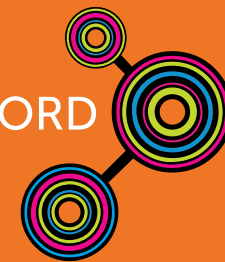


# Science Oxford's STEM Careers Programme

SCIENCEOXFORD



Partner with us to encourage positive choices for 11–18 year-olds about careers in STEM



# Help us inspire the next generation

Science Oxford's STEM Careers Programme offers a year-round programme of activities to inspire secondary school students of all ages about careers in science, technology, engineering and maths. Our activities give students the opportunity to gain the information, knowledge and skills that could springboard them into a STEM career. In order to do this, we rely on relevant employers in the Oxfordshire and Buckinghamshire region to support our programme and help us to inspire the next generation of scientists and engineers. See the following pages for the activities we offer and how businesses, organisations and individuals can get involved.



## STEM SKILLS WORKSHOPS

Our in-school Skills Workshops give young people an insight into the STEM industry, possible careers and life-based skills. These workshops have been developed in collaboration with local businesses and organisations. Subjects include critical thinking, CV writing, Excel skills, financial planning, interview skills, and diversity awareness.

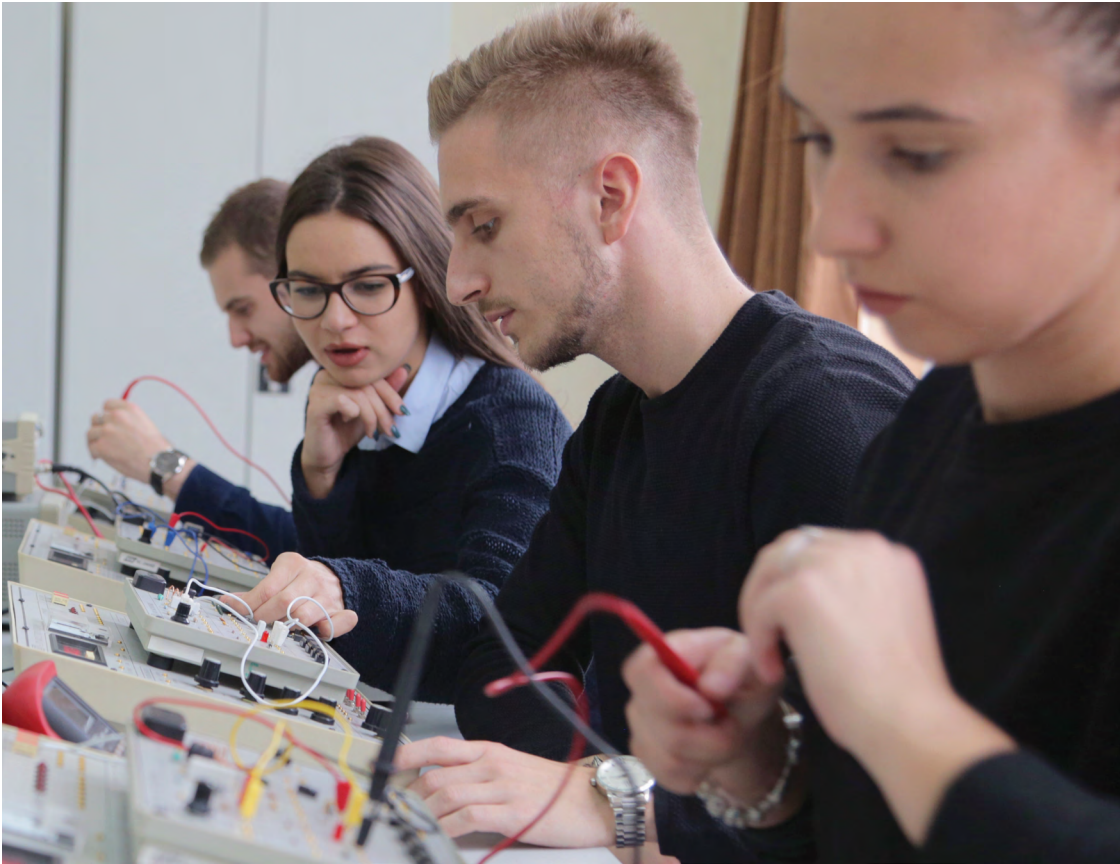
**AGE GROUP**  
13-16

**PROGRAMME TIMES**  
1-2 hour workshops  
Term time only

### HOW YOU CAN HELP

- Volunteer your time
- Volunteer your experience and skills





## STEM CAREERS DAYS

Our in-school Careers Days are designed to give young people insights into STEM careers. They also develop critical thinking and problem-solving skills through practical activities.

**AGE GROUP**  
11-14

**PROGRAMME TIMES**  
1-2 days  
Term time only

### HOW YOU CAN HELP

- Volunteer your time
- Share your experiences
- Collaborate on a Careers Day with Science Oxford



## YOUNG SCIENTISTS OF THE YEAR

Every year in November we host an evening reception for young people in their final year of sixth form to recognise their hard work, enthusiasm, and dedication to their STEM subject of choice. Students are nominated for the event by their teachers.

**AGE GROUP**  
16-18

**PROGRAMME TIMES**  
One evening in November

### HOW YOU CAN HELP

- Provide a speaker or compère for the event
- Sponsorship or donations



## STEM INSIGHT WEEKS

Our STEM Insight Weeks take place during half-term breaks and are designed to give young people a mix of both practical experience and knowledge of a career in a STEM subject, as well as broader skills as they progress through their education. These weeks are currently run in-person and online and include a mix of talks, visits to STEM businesses, and activities on STEM careers.

**AGE GROUP**  
14–16

### PROGRAMME TIMES

Mon–Fri, October, February and May  
half-terms

### HOW YOU CAN HELP

- Volunteer your time
- Provide your knowledge and experience for a talk, in person or online
- Host a group of 10 to 20 students for a half-day tour, activity, or experience within your business

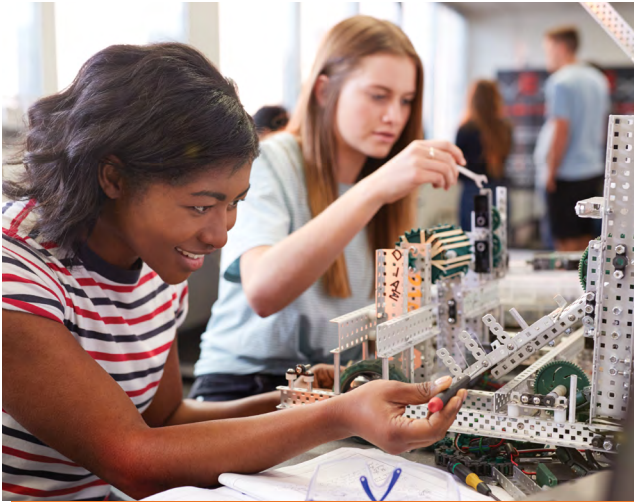
“ What a fantastic day. The students got so much out of the workshops and it has really made them think about the world of work and what they might do in the future.”

Teacher

“ I now have a better understanding of what it is really like to work in the science industry and in an active lab. I have also learned a lot of new techniques used in the industry and the various experiments which are being explored.”

Student





## STEM WORK EXPERIENCE

Our STEM Work Experience placements are designed to give young people an in-depth view into the working world in a STEM setting. An experience of this kind is invaluable to this age group for those looking to make decisions about their employment and higher education paths.

**AGE GROUP**  
14–17

**PROGRAMME TIMES**  
Between 1–4 weeks in the summer holidays

### HOW YOU CAN HELP

- Host a student for a work experience placement at your company

## STEM SUMMER EXPERIENCE

Our summer holiday programme offers older teenagers a range of opportunities to help inform their career paths and higher education choices. We facilitate hands-on visits to local companies and skills workshops alongside valuable career advice through an exciting programme of events.

**AGE GROUP**  
16–18

**PROGRAMME TIMES**  
Mon–Fri, first week of the summer holidays

### HOW YOU CAN HELP

- Volunteer your time
- Provide your knowledge and experience for a talk, in person or online
- Host a group of 10 to 20 students







“ Events like Science Oxford’s STEM Insight Weeks are a great platform to inspire young minds and teach what it’s like to pursue a career in science. We all enjoyed running the session in our labs and would definitely do it again. ”

Biotech company

“ [My son] had an absolutely amazing week. Every day we heard in detail about the fantastic company tours he experienced. He definitely achieved his goals in that he now has a greater understanding as to what is available in the future in the fields of science and technology. He also feels more confident about the prospects of university and career choices to be made. ”

Parent

# Why work with us?

Working with Science Oxford's STEM Careers Programme is rewarding and engaging and can form a part of your corporate social responsibility (CSR) strategy. It also gives your organisation the opportunity to play a part in informing and encouraging young people about their future choices and inspiring them about STEM careers.

## BENEFITS OF PARTNERING WITH SCIENCE OXFORD

Partnering with Science Oxford on our STEM Careers Programme gives local businesses and organisations a wide range of benefits by:

- Contributing to your company's CSR strategy
- Helping address the shortfall of STEM-skilled workers coming through education and into employment in our region.
- Connecting your business or organisation with young people in your area and the local community.
- Providing professional development opportunities to your staff, such as developing communication or organisational skills.
- Raising the profile of your organisation locally and future employment opportunities to a new generation.

## EMPLOYER AWARDS

We really value the contribution that employers make to our programmes, so to say thank you, each year we recognise organisations who work with us by presenting our Bronze, Silver and Gold Science Oxford STEM Employer Awards. Previous Gold Award winners include Abbott, Oxford University Museum of Natural History and Rutherford Appleton Laboratory.



## INSPIRE AND INFORM

Our STEM Careers Programme aims to inspire and inform secondary school students to develop STEM skills and careers. The programme addresses many of the issues that face employers and schools across our region, including:

- A lack of STEM-skilled young people coming through education and into employment
- A lack of awareness of the type of career opportunities available in STEM
- Girls are less likely to choose STEM subjects than boys at A-level and beyond
- Science as an aspiration ranks below business as a viable career opportunity for students
- Students with low 'science capital' are less likely to have a STEM career





## OUR CURRENT SUPPORTERS

Abbott

Ariens

Aston Martin Lagonda

Department of Oncology,  
University of Oxford

Diamond

DJS Antibodies

GE HealthCare

GKN

Habitat Energy

Helio Display Materials

Human Centric DD

McAfee

Oxford University Hospitals  
NHS Foundation Trust,  
Microbiology Department

Oxford University Museum  
of Natural History

Roborace

Rutherford Appleton Laboratory (RAL)

Samsara Therapeutics

Sir William Dunn School  
of Pathology, University of Oxford

Sophos

UK Atomic Energy Authority (UKAEA)

Vertex

## PARTNER WITH US

Would your company like to be involved with local schools? Would you like to raise the profile of your business locally? Inspire and inform young people about STEM careers and help improve their employability skills?

Our business partners share their time, knowledge and expertise with young people (and quite often their offices or laboratories too) to show them what a career in STEM might look like and how a STEM business runs, as well as to share their passion for research and discovery.

**Interested? Contact us!**



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