

In2scienceUK | Workshops Guide 2022



Our Mission

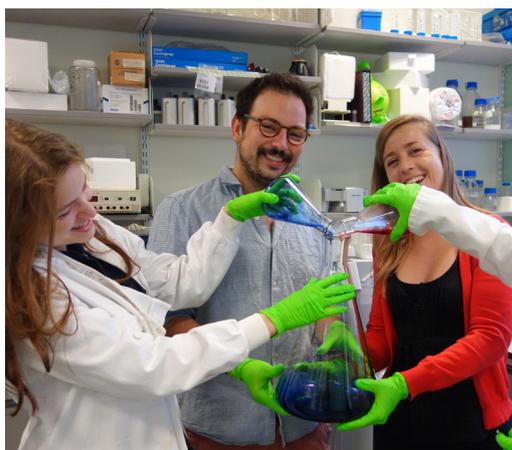
In2scienceUK provides students from disadvantaged backgrounds with the support, skills and experience needed to achieve their potential and progress to degrees, apprenticeships and careers in science, technology, engineering and maths (STEM).

The young people we support are interested in pursuing STEM, but face barriers to their progression including a limited understanding of the careers available within the sector, a lack of friend and family connections who can advise them and help them to access opportunities such as work experience as well as inadequate support needed to produce successful applications for apprenticeships or degrees.

Students on our programmes receive high-quality opportunities and support, enabling students of all backgrounds and abilities to build the skills, knowledge and confidence to produce successful applications and become the next generation of researchers, innovators and pioneers.

The In2scienceUK Summer Programme

Online workshops are a key aspect of the In2scienceUK programme, alongside other activities. This includes attending a STEM related work experience placement and entering competitions to consolidate their learnings over the summer.



1 or 2 week in-person placement

Students will be matched with a volunteer host whose work is of interest to them, and gain experience to support them in making informed decisions about their own career pathway.



Online skills, employability and careers workshops

Online workshops will provide key information, advice and guidance to support students in their career choices and in making competitive applications to university, apprenticeships and jobs.



Public engagement competitions

A chance for students to develop their skills in written and visual communication based around their experiences on the programme, have fun and win prizes!

In2scienceUK Students and the Importance of Workshops

Students apply for a place on the In2scienceUK programme and are shortlisted based on our [eligibility criteria](#) which includes students who receive free school meals, Pupil Premium, have parents or carers with no Higher Education and/or live in an area with low progression rates to Higher Education. This year we're offering places on our programme to over 650 young people from across the UK.

To support you in pitching your workshop content at the right level, here's some general information about the students who will gain places on our programme:

- The students you will interact with are currently in **Year 12** and about to enter into their final year of schooling. This typically means they are **between the ages of 16-18**.
- All students will be **studying at least one STEM A-Level or BTEC**, which they will have spent the past year learning at either sixth-form or college. Many students on our programme tend to be studying a combination of STEM subjects.
- The group of students you will be supporting are of **mixed abilities**. Studies have highlighted the [attainment gap](#) between students from disadvantaged backgrounds compared to their more advantaged peers, therefore gaining a place on our programme is not dependent on academic achievement.
- The In2scienceUK programme gives many young people the first chance to connect with STEM professionals. They may be **shy or lack the confidence to communicate** clearly to professionals at this stage. Including as much interactivity in your workshop as possible will help with this.

There are three main barriers disadvantaged students face when accessing higher education which workshop volunteers can take an active part in helping overcome:



Knowledge

Workshops can provide key information about potential university courses, apprenticeships and careers. Many career options will be presented to the students, allowing them to think more widely about their options.



Aspiration

Through encountering a diverse range of STEM professionals and gaining insights from them, students can be inspired and helped to challenge any assumptions they may have. Workshops can help students to gain confidence in their choices and goals.



Attainment

Workshops can provide expert insights to support students to be successful with higher education applications, CV writing and interviews and provide opportunities to build their skills in communication and critical thinking.

Workshops :

Key Information

The information below is intended to be a general reference point covering workshops with us over the summer. A personalised workshop brief will be discussed separately.



- Online workshops will be running between July 25th - August 26th, with sessions scheduled to take place between 10am - 5pm BST.
- The workshops will last for 45 minutes, which should also include time for any Q&A.
- Workshops will be open to all students on the programme to join should they wish and have availability. As a rough approximation, you could expect around 40 students joining your session, but please be prepared that this could be up to 125.
- All workshops will take place via Zoom video conferencing software, and will be advertised exclusively to students on the In2scienceUK Summer Programme via Eventbrite.

Code of Conduct and Young Person Safeguarding

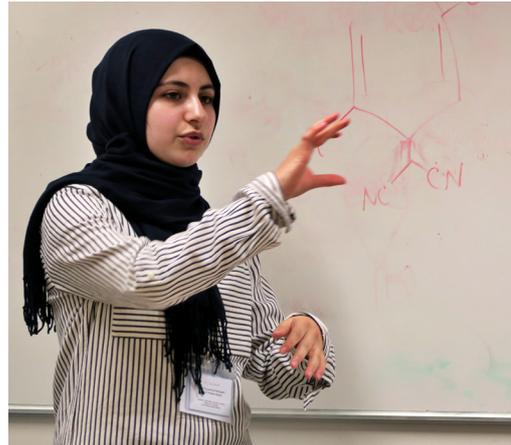
- By volunteering as part of a workshop for the In2scienceUK Programme, you are committing to abide by our [Code of Conduct](#).
- All workshops will be recorded for safeguarding purposes, as well as being made available for In2scienceUK students to watch back. The recordings will not be shared outside of the programme.
- A member of In2scienceUK will be present for each workshop to support volunteers throughout, moderate questions and for safeguarding purposes. If you have any concerns regarding the safety of a young person, please raise these to the In2scienceUK staff member supporting the workshop in the first instance.
- When interacting with attendees via the chat and Q&A, only students' first names are to be read aloud.



What Makes a Good Workshop?

We have a couple of years experience running online workshops for Year 12 students now under our belt, and we'd like to share some tips about what has worked well in previous years to keep your audience engaged throughout.

- **Finding the right person for the session.** Students enjoy sessions delivered by knowledgeable, enthusiastic, honest and confident speakers.
- **Interactivity is key!** Workshops that incorporate polls, asking questions to answer directly in the chat or asking to use Zoom reactions are rated most highly.
- **Having a clear structure.** Presentations that are well structured and give an overview before going into detail work well.
- **Knowing your timings.** In terms of the format, in general shorter 30 minute presentations with ample time for questions work best. Going at a good pace and not rushing to cover too much content is also recommended.
- **Tangible outcomes.** Sessions that provide students with practical advice, skills and real-life examples are highly rated. Offering links to further resources is also very useful.
- **Knowing your audience.** Successful workshops are pitched at the right level for students' knowledge. You can read more about our students on [Page 3](#) or contact jo@in2scienceuk.org with specific questions.
- **Smooth delivery.** Whilst we can't always control for technical difficulties, a certain level of disruption can be minimised for example through practising your delivery in advance and assigning one person the responsibility for sharing their screen with the presentation.
- **Unbiased information.** As far as is possible, delivering objective sessions that provide all the information students need without influencing them either way, allowing them to make their own decisions.



Get Involved!

Through contributing to our programme, we make it easy for volunteers to reach a diverse group of students to share your knowledge and insights with and create a lasting impact.

“It is extremely rewarding to be involved in something that might broaden young peoples’ understanding of different scientific career opportunities, especially in a society in which inequality is growing, not shrinking.”

2021 Workshop Volunteer

“This workshop was very informative and interactive. The topics the speaker was talking about covered a lot of unanswered questions that I had, which allowed me to come out of the session more informed than before.”

2021 Student Participant

Volunteering for In2scienceUK you will:



Gain skills and experience communicating with young people



Promote diversity and inclusion in STEM



Be a role model and **make a real difference**

Volunteers receive a certificate of participation which can be used as evidence of public engagement.

Contact Information

Jo Maniscalco is the main point of contact at In2scienceUK to support the delivery of online workshops.

Please get in touch with her if you have any questions or need any additional support: jo@in2scienceuk.org

