

ScienceCreatesOutreach

**Inspiring the
next generation**



What is Science Creates Outreach?



Science Creates Outreach is a charity dedicated to educating the scientists and entrepreneurs of tomorrow.

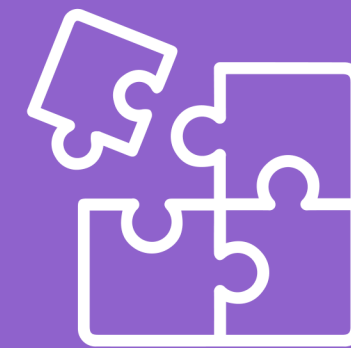
From climate change to poverty, tackling humanity's greatest challenges requires more scientists and innovative founders. We aim to create a diverse STEM workforce and equip the next generation with the skills and confidence to change the world.



**Demystify
scientific
careers**



**Diversify the
faces of
science**



**Empower
confident
problem solvers**

What is STEM?

Science
Technology
Engineering
Mathematics

It is at the forefront of innovation and problem solving, for a rapidly advancing world.

What is the problem?

Global challenges

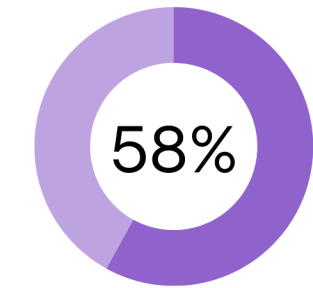
We need more scientists and entrepreneurs to solve humanity's biggest challenges, such as the climate crisis, future pandemics and global food scarcity.

Low STEM career aspirations

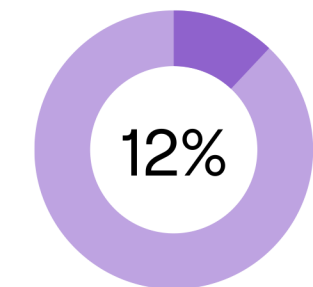
Currently only 16% of 10-18 year olds aspire to a career in STEM. Without skilled scientists and innovators we will be unable to tackle future issues.

Lack of diverse perspectives

Many young people of minority ethnic heritage do not regard science as a 'normal' career choice and only 28% of the STEM workforce is female.



58% of classes are not receiving 2 hours of weekly science lessons



Only 12% of the STEM workforce are from ethnic minorities

"Without a sufficiently skilled STEM workforce we are hindering the potential to unlock productivity, economic growth or achieve ambitions for net zero."

Baroness Brown, Chair of House of Lords Science & Technology committee

Our unique solution

Our state of the art laboratory, The Learning Lab, is located INSIDE a working deep tech science incubator. Within this space, we provide curriculum linked workshops, open to schools and the community, that are run by today's scientists and entrepreneurs.

Conversations with members of these world leading start-up companies shows young people that these are local people just like them, and that revolutionary science is happening right on their doorstep.



I have loved learning about all the companies in the building and doing experiments with real chemicals that we can't do in our classroom.

Tania
10 years old



**Replica
adult
laboratory**



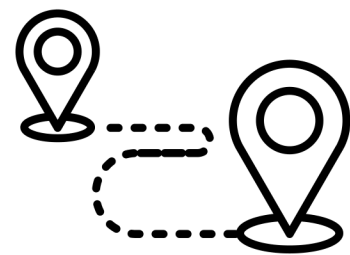
**Scientific
glassware &
equipment**



**Real
world
experience**

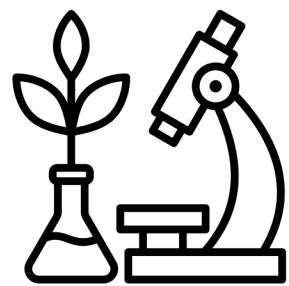
A typical visit

Our workshops are designed and delivered with the ground breaking start up companies based in the Science Creates incubators. The sessions link science with the real world including topics such as plastic pollution, the future of food and healthcare innovations.



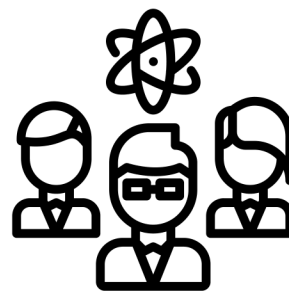
Immersive tours

A behind-the-scenes look at where discoveries become inventions



Hands-on workshops

Practical experiments, designed and led by pioneering professionals



Q&A with scientists

Conversations with experts at the heart of today's science



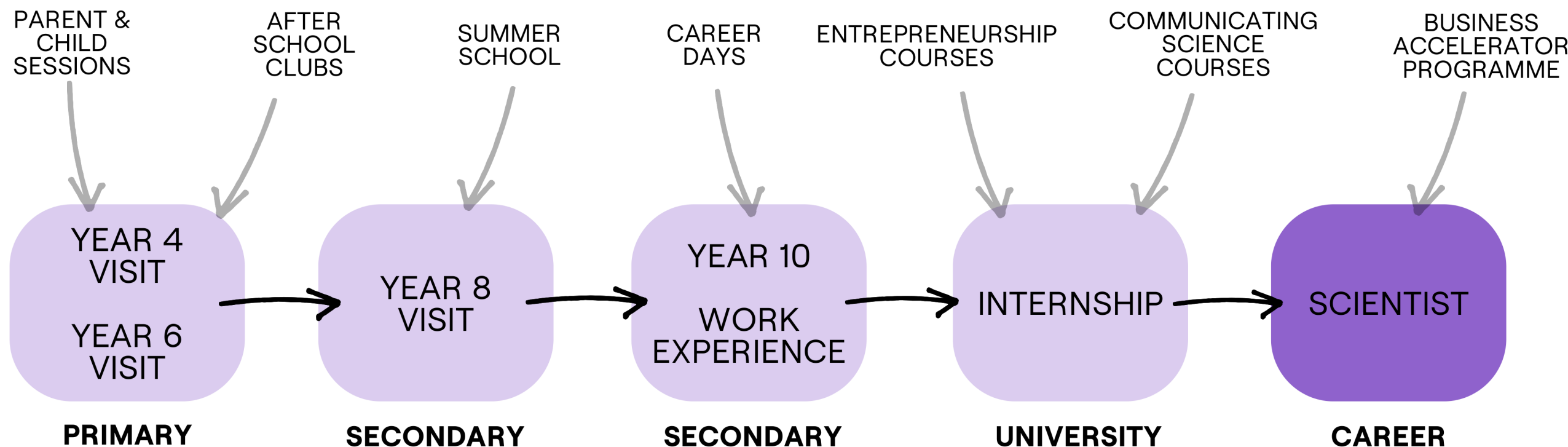
"Discovering the jobs and futuristic technology was really interesting and there's some cool inventions out there. I never thought I'd be into this stuff but now I'm excited about what I might do one day."

Jamie
12 years old

Our vision

Our programmes span the complete educational journey from inspirational primary school visits, in-depth exploration during secondary education, career days, work experience opportunities, internships and links with degree modules, helping students get into STEM careers.

We have already welcomed 2500 children through our doors, and aspire to increase this to 3000+ students annually.



"Building a strong STEM foundation early, and increasing students' science capital, sets them on a path to pursue science at university and beyond. This will foster the next generation of innovative founders who will shape our world."

Charlie Proctor
Founder
Science Creates Outreach

Success stories



“



Munira, 10 years old

I would like to rent one of the labs one day, so that I can start my own invention company!



Dan, 15 years old

I feel very inspired and more positive about problems, including plastic pollution, because I know more about the companies working to find solutions. My work experience week has shown me the range of places science can take you.



ScienceCreatesOutreach



Get in touch to get involved



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