



## Who we work with



School, college and university staff



Young people



Informal educators and leaders of community and voluntary groups



STEM Ambassadors



Employers, government and charities

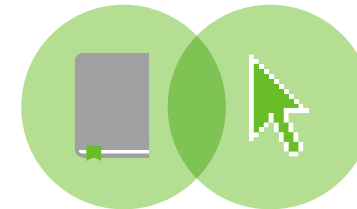
## What we facilitate

### STEM inspiration activities and CPD for staff

- face-to-face and online CPD
- study visits and placements with R&D institutions, employers and academia
- school based support
- mentoring & coaching
- networking

### Resource engagement

- physical and online curated resources focussed on STEM subjects
- cutting-edge research collections
- STEM careers information and curriculum guidance



### STEM enrichment and engagement activities for young people and families

- practical activities, technical advice
- STEM-based competitions and challenges
- extra-curricular STEM Clubs
- information, advice and guidance on routes into STEM careers and pathways



- work experience, mentoring or placements with STEM employers

Network of STEM experts: STEM Ambassador Hubs, Science Learning Partnerships, partners in Scotland, Wales and Northern Ireland, employers and supporters

## Outcomes



### Improvements for teachers, support staff and informal educators in their:

- STEM subject and pedagogical understanding
- confidence, motivation and enthusiasm for STEM subjects
- competence and quality of leading, teaching or supporting STEM subjects
- understanding how to contextualise the curriculum with cutting-edge STEM knowledge, employability skills and STEM-related careers information
- retention and career progression

### Increasing STEM Ambassadors':

- professionalism, communication, team working, organisational, mentoring, leadership, delegating and relationship management skills
- understanding of education and how to inspire young people in STEM
- retention in a STEM-based career

### Helping employers to:

- develop an enthusiastic, motivated and skilled STEM-based workforce
- access an increasingly competent pool of young people with employability and STEM skills with the potential to become future employees
- better inform young people and parents about STEM career pathways and the employment opportunities available with STEM employers

### Increasing young people's:

- engagement, interest, enjoyment and achievement in STEM subjects
- development of employability and practical skills
- post-16 pursuit of STEM subjects and progression into STEM-related study and careers



**Vision**  
A world-leading STEM education for all young people across the UK

