

## STEM Learning

***We can all remember a teacher who changed our life or inspired in us a lifelong passion.***

### Our vision

STEM Learning's vision is a world-leading STEM education for all young people across the UK, where:

- young people from all backgrounds have the aspiration, knowledge and skills to thrive, with more progressing into STEM-related careers
- employers can gain access to knowledgeable, talented people with strong STEM skills, increasing productivity, competitiveness and diversity
- teachers of STEM subjects continually develop their STEM knowledge and experience, maximising their impact and own job satisfaction
- families and communities recognise the value of STEM to young people, encouraging and supporting them in STEM-related studies and careers

### Our reach

Through its UK-wide Network, STEM Learning has unrivalled reach across and impact on schools and colleges:

- we work with 100% of secondary schools, post-16 and FE colleges, and 77% of primary schools - online, face-to-face and in-school
- over 20,000 teachers of STEM subjects, working with more than 2 million young people, engage with STEM Learning's professional learning programmes each year
- 33,000 STEM Ambassadors from 2,500 employers give their expertise to inspire young people, teachers, families and communities about STEM subjects and careers
- over 125,000 teachers are registered with our website, which sees 1 million page views and 90,000 resource downloads per month

### Our impact

Drawing on our world-leading body of evidence and research, STEM Learning's Model of Change demonstrates the impacts of our support:

- 75% of teachers see improvements in pupil engagement in STEM subjects from the support they receive, 45% seeing pupils achieving better marks
- 89% of teachers say that support from STEM Ambassadors has increased young people's awareness of the importance of STEM subjects
- 81% of teachers working with us understand and can better articulate information about STEM careers
- 91% of STEM Ambassadors say that volunteering with young people has increased their own job satisfaction

Crucially, research shows how STEM Learning's work supports teacher retention:

- 75% of teachers say they have improved their own STEM subject and pedagogical knowledge, with 85% feeling more motivated and confident through STEM Learning's support
- 76% of teachers who have sustained engagement with STEM Learning report a positive impact on their career development and progression