



## Executive Summary

STEM Ambassadors are volunteers from a broad range of jobs and backgrounds who are passionate about inspiring young people to pursue science, technology, engineering and mathematics (STEM) studies and careers. With a community of over 30,000 volunteers, they are an important, free of charge resource for individuals and groups working with young people across the UK.

Independent analysis of the programme shows that:

- Activities occurring across the STEM Ambassador network are high quality – **100% of STEM Ambassadors consistently said their intended outcomes were met.**

STEM Ambassador activities led to highly impactful outcomes, rating on scale of 1 (very low) – 5 (very high):

### STEM Ambassadors

- Felt a sense of achievement, reward and satisfaction – rating 4.4.
- Supported the local community – rating 4.5.

### Educators

- Increased their confidence and enthusiasm for STEM – rating 4.9.
- Enhanced their passion for teaching STEM – rating 4.9.

### Young People

- Increased their awareness and aspirations for STEM-related study and careers – rating 4.8.
- Showed increased attainment and progress in STEM – rating 4.8.
- Learned what the workplace is like, developing their employability skills – rating 4.8.

The report draws out some key **recommendations** to help drive forward the success of the STEM Ambassador Programme:

- Encouragement of repeated engagement through **STEM Clubs** is likely to have the most impact in future. STEM Club engagement was rated as the highest activity, and positively impacted STEM Ambassadors and young people across almost all outcomes.
- More focus should be placed on STEM Ambassadors **supporting and informing parents about study options and job opportunities within STEM.** This was one of the least popular, and lowest achieving outcomes, however research (such as Science Capital) shows that parents are a key influencer in shaping aspirations of young people.