



Lloyd's Register Foundation ENTHUSE Partnerships: Interim Report

ENTHUSE Partnerships are intensive two-year programmes that enable schools to raise aspiration and achievement by investing in teaching and working collaboratively with each other and STEM Learning.

The Lloyd's Register Foundation is supporting an intensive programme of ENTHUSE Partnerships. The first cohort of 20 Partnerships involves 93 schools aiming to raise achievement in STEM and stimulate interest in and enthusiasm for engineering.

One year into their two-year action plans, these Partnerships are demonstrating impact: students have increased interest, attainment, motivation and careers knowledge, while teaching and leadership of STEM subjects has improved.

- **Interest in STEM has increased:** girls and boys show increased interest in studying STEM subjects. Over half of girls and two thirds of boys want to learn more about working in STEM, an increase of 10%.
- **Attainment in STEM has risen:** 94% of girls and 98% of boys are meeting / beating age-related expectations, up from 88% and 69% before the Partnerships started.
- **STEM career aspirations have increased:** 28% of girls and 52% of boys would like a STEM career when they are older, compared to 24% of girls and 43% of boys at the start of the programme.
- **Understanding of STEM careers has increased:** more students are aware of the qualifications and routes to progress in STEM, particularly amongst boys where the proportion reporting that they understand these has risen 19%.
- **Self-efficacy and motivation have increased:** almost half consider themselves the kind of person who could have a STEM career, a rise of 8%. Four in 10 female and six in 10 male students intend to study STEM subjects in future.
- **Careers information is increasingly embedded in STEM teaching:** teachers are more confident using careers to provide context when teaching STEM, and do so more often. They are also more aware and better equipped to draw on the enrichment opportunities offered by STEM employers.

STEM Learning, April 2020.