



ENTHUSE Partnerships

1. What is an ENTHUSE Partnership?

ENTHUSE Partnerships are a proven model for achieving lasting improvement in STEM. With financial and practical support from its sponsor, each Partnership brings together 6-8 schools or colleges to work closely with STEM Learning to develop a tailored two-year programme to improve STEM knowledge, skills, confidence and career aspiration.

Partnerships can be selected to target a specific location or support other sponsor objectives, such as widening participation. STEM Learning consults with the sponsor and identifies schools and colleges who will benefit most, drawing on our extensive experience with Partnerships plus insight on potential participants from our nationwide network, as well as data on pupil attainment, school performance and socio-economic factors.

At minimum, every Partnership includes:

- Induction event to finalise action plans and build links with the sponsor.
- Tailored coaching by STEM Learning's subject and teaching experts.
- STEM focused training and development for teachers in participating schools.
- Teacher placement(s) – with the sponsor where available.

Partnerships are strongly encouraged to take advantage of:

- Local STEM Ambassadors, including from the sponsor.
- STEM Clubs network support for establishing and developing STEM Club activity.
- STEM Learning's on-line CPD, resources and community groups.

2. Building relationships

ENTHUSE Partnerships develop strong and sustainable relationships between the sponsor and the participating schools and colleges. These relationships increase visibility with teachers and students, strengthening the skills pipeline for STEM as well as contributing positively to improving the outcomes for local young people and communities.

The start of each Partnership is celebrated at an induction event, held at the National STEM Centre in York. This brings together teachers and school leaders with key staff and STEM Ambassadors from their sponsor. Workshops and networking opportunities at the event further embed relationships and commitment.

Throughout the life of the Partnership, STEM Learning supports the sponsor and participants to build links with the local community which can include holiday STEM Clubs, STEM activities for youth and community groups and STEM courses for parents and guardians.

3. Costs and Impact

The ENTHUSE Partnership model is a cost effective way for sponsors to provide proven support for STEM. Each Partnership costs £10,000 per year over 2 years (£20,000 total), this will engage at least 40 teachers and 4000 young people across participating schools.

Sponsors benefit immediately from improved links with the participating schools and colleges, and improved understanding by teachers and young people of the career opportunities they offer. Sponsor staff benefit from engaging with the teachers, schools and young people in terms of job satisfaction and development of their own skills. Longer-term, Partnerships help to deliver skills needs by building a pipeline of young people and their families with the understanding, motivation and ability to consider the career opportunities offered by sponsors.

The results of ENTHUSE Partnerships are clear: independent evaluation (available on request) shows that the support they provide improves STEM teaching and teacher retention, tackling the shortage of teachers with STEM knowledge. This increases young people's interest and attainment in STEM, as well as awareness of STEM careers, and the evidence suggests pupils receiving free school meals benefit even more than their peers.

4. Benefits of ENTHUSE Partnerships for sponsors

Corporate Social Responsibility

- Enable pupils from disadvantaged backgrounds to progress in STEM industries.
- Target schools that do not normally participate in STEM activities.
- Address specific socio-economic indicators of deprivation or disadvantage.
- Work with schools that are underserved and under supported.

Building your workforce

- Build pipeline of young people with STEM skills.
- Increase awareness of you as an employer with young people, teachers and parents.
- Boost staff motivation and skills through engagement with the Partnership(s).

Awareness

- Build community awareness of your support for local young people.
- Increase your national and local profile as a STEM employer.
- Influence the direction of STEM education as a member of the ENTHUSE Alliance.

STEM Learning can support sponsors to secure PR impact from the announcement of the Partnerships, through the induction event and celebrating the successes of Partnerships as they progress.