

Teacher Industrial Partners' Scheme (TIPS)



What is TIPS?

The Teacher Industrial Partners' Scheme is a unique opportunity for secondary and post-16 STEM teachers and careers specialists to update their knowledge and awareness of STEM related careers.

TIPS is a continuing professional development (CPD) programme that combines a placement in industry, CPD at the National Science Learning Centre, and a bespoke package of online support.

"You wouldn't put a chemistry teacher in front of students who didn't know about chemistry. Likewise, you shouldn't ask teachers to contextualise their subject with real life experiences without having the real life experiences themselves"
TIPS participant, 2014

What does TIPS involve?

TIPS partners your school with a local STEM employer who provides a one or two week work placement for the teacher. During the placement, the employer provides an immersive CPD experience, giving the teacher unique access to sites across the business, opportunity to interview employees in a range of roles and first hand experience of real life STEM projects.

After the placement, the teacher receives a suite of resources designed to compliment the inspirational experiences gained from the placement and turn these into careers support for students and the school. They also receive online support and two days of face-to-face CPD hosted at the National Science Learning Centre in York.

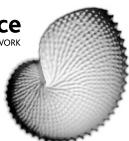
"This is definitely the best CPD that I have ever done in my career." TIPS participant, 2015

How will TIPS benefit students?

Participating in the scheme will enable teachers to:

- be a valuable support for STEM careers discussions and support in school
- support students and staff to develop awareness about STEM careers and the needs of employers
- support students to better develop their awareness of apprenticeships and STEM university routes
- provide a real life context for the STEM curriculum
- act as a point of contact for the partner employer to initiate further partnership activities

Science
LEARNING NETWORK



Project ENTHUSE



Institution of
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Why should my school participate?

TIPS was developed by recognised STEM industry professionals in response to the growing need for a STEM skilled workforce. TIPS aims to equip teachers to better prepare their students for the needs of engineering, technology and STEM employers.

The Department for Education (DfE) recommends that:

"High quality, independent careers guidance is also crucial in helping pupils emerge from school more fully rounded and ready for the world of work. Young people want and need to be well-informed when making subject and career decisions." **Careers Guidance and Inspiration in Schools: Statutory guidance for governing bodies, school leaders and school staff.** DfE, 2015.

Is there a fee to participate?

Participation in the scheme costs £460 for both one and two week placements.

The fee includes the arrangement of the placement, the online CPD package and one night accommodation at the CPD event held at the National Science Learning Centre, York (including hospitality).

Is there financial support available?

To support with the cost of the fee and associated cover and expenses, bursaries are available for state funded schools, academies and post-16 providers through support from Project ENTHUSE.

One week bursary = **£900**
Two week bursary = **£1,550**

The bursary is paid directly to the school on completion of the scheme.

How does my school apply?

Applications for the scheme are made through the TIPS website www.slcs.ac.uk/tips

Search for an employer using the placement search option and find the scheme which is located closest to you.

When is the scheme happening?

The scheme is on a rolling programme, with new employers added each term. Applications are normally made a term in advance. However, in some cases the deadline for application may alter depending on the availability of the employer.

"Now that I'm back at work it all feels like it's clicked into place and I can relate my teaching to real life experience – something I wasn't able to do before taking part in the TIPS scheme." TIPS participant, 2014

Project ENTHUSE is a unique partnership of government, charities and employers that have come together to bring about inspired science teaching through the continuing professional development of teachers of science and technicians across the UK. The ENTHUSE Partners are the Wellcome Trust, the Department for Education, BAE Systems, BP, Institution of Engineering and Technology, Institution of Mechanical Engineers, Rolls-Royce and Royal Society of Chemistry.