

PROJECT  
**ENTHUSE**



**STEM**  
LEARNING



**STEM**  
INSIGHT

Insight into industry



Insight into industry

# What is Insight into industry?

Insight into industry is a unique opportunity for employers to provide a stimulating experience for teachers, lecturers, managers and technicians technicians of STEM subjects to update their knowledge and awareness of modern STEM related careers.

Employers provide a placement (duration may vary), that will provide opportunity for teachers to see working life across the business.

Every participant is supported by a package of face-to-face and online training to help them harness their experiences once they are back in school or college.

Eligible schools will receive generous bursary support from Project ENTHUSE to cover the cost of participating in the scheme.



Insight into industry

**Insight into industry** aims to provide inspirational experiences for secondary and FE staff involved with STEM subjects.

- gives a unique chance to experience STEM work in modern industry and use this insight to enrich the teaching of STEM subjects
- is an invaluable CPD opportunity which equips schools and colleges to respond to the Government Careers Strategy and transform careers guidance
- provides teachers, lecturers, managers and technicians with a better understanding of the breadth of STEM-related occupations within the industrial sectors of the UK, raising awareness of the career paths and progression routes through to industry
- fosters links between schools, colleges and industry
- builds a community of practice, with a network of school/industry experts who can support other colleagues in schools and colleges



Insight into industry

## We offer a flexible approach to joining the STEM Insight programme.

- employer-led: employers offer placement(s) which are promoted through the National STEM Learning Centre website and our network of partners and ambassadors across the UK
- teacher-led: a teacher/school requests a placement near their school or college. The National STEM Learning Centre will aim to secure a local employer to match their requirements
- strengthening an existing school or college/employer partnership: offering access to the STEM Insight programme to further develop an existing partnership

In each case, the National STEM Learning Centre will make all of the arrangements necessary to help both the employer and teacher, supported by an underpinning CPD Programme.

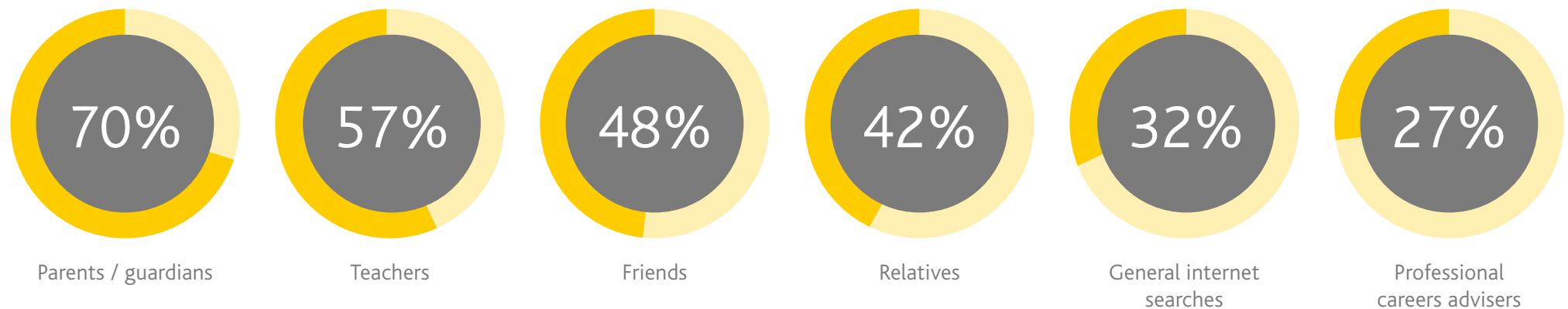
# Why was STEM Insight developed?

Recent studies have shown that teachers are one of the most important influences on a students' career choice.

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## Where do young people find careers information and advice?

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Source – 'Careers Guidance; Guaranteed', summary report of online survey, AoC January 2014

“82% of teachers think they are lacking the necessary knowledge to properly advise young people... one-fifth of parents admitted they believe they are out of their depth when it comes to talking to their offspring about career prospects.”

AoC 2012

“Looking back I feel privileged to have been part of this, especially with my experience with Crossrail and so close to home, it was absolutely brilliant!

You’re doing a grand job in putting together such a worthwhile programme, who said work experience is just for teenagers!”

Rose Russell, Ursuline Academy Ilford Participant, 2015

Hence the STEM Insight programme aims to inspire secondary teachers of STEM subjects and FE professionals to enrich their knowledge of STEM industry and university life so they can better support their students.

# Does it make a difference?

David Sandall participated in the programme in 2014 with Crossrail.

“I learned so much about the range of opportunities in engineering for my students and the alternative pathways like apprenticeships that they can take instead of standard university routes. This was one of the most useful CPD experiences I have undertaken.”

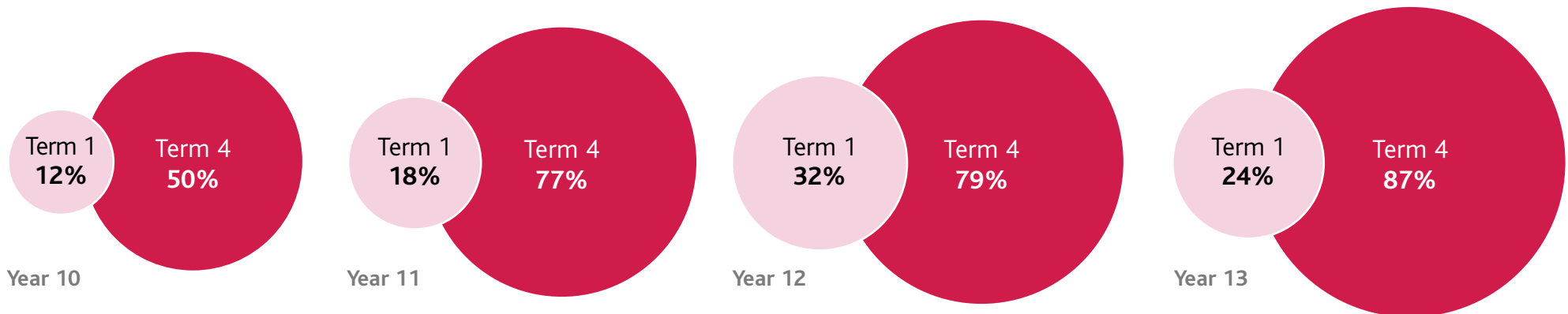
This graphic shows the increase in student awareness of apprenticeships at David’s school, before and after his participation in the STEM Insight programme.

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## Were students aware of STEM/engineering opportunities such as apprenticeships?

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### Awareness of career opportunities



Source – STEM Insight participant feedback, David Sandall, 2014

# Who can take part?

Placements can be hosted in:

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- Scotland
- Wales
- Northern Ireland
- North West
- Yorkshire, Humber and North East
- Central England
- London and the South East
- South West






# How do we find out more?

Further information can be found on the National STEM Learning Centre website: [www.stem.org.uk/stem-insight](http://www.stem.org.uk/stem-insight).

If you would like to speak to a member of the National STEM Learning Centre team, please contact: [insight@stem.org.uk](mailto:insight@stem.org.uk).



“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 scheme.”

Teacher participant 2014



This is made possible by the generous support of our partners in Project ENTHUSE: the Wellcome Trust, Department for Education, BAE Systems, Biochemical Society, BP, Institution of Engineering and Technology, Institution of Mechanical Engineers, Rolls-Royce, Royal Commission for the 1851 Exhibition, Institution of Structural Engineers, IBM and the Royal Society of Chemistry.

STEM Learning operates the National STEM Learning Centre and Network, alongside other projects supporting STEM education.

[www.stem.org.uk](http://www.stem.org.uk)