

The STEM Ambassador Programme –

A Guide for Teachers

Helping you inspire your students in Science,
Technology, Engineering and Mathematics (STEM)

‘They brought a fresh and innovative
feel to the day, and I will definitely
be using STEM Ambassadors again
for future events’

Victoria Eastham,
Science Enrichment Co-ordinator, Priory Sports & Technology College

STEM
AMBASSADORS
ILLUMINATING
FUTURES



‘The Ambassador’s presentation on civil engineering was excellent. The children were excited to have a real life engineer in the classroom and embraced the idea of becoming engineers themselves, producing their own model bridges’

Diane Tatnell,
Science Coordinator,
St Francis Primary School



STEM*Networking* is a web-based platform that makes it easier for you to see the wealth of STEM support that is available to you. You can see profiles of our STEM Ambassadors, look at what local employers can offer you and set up your own school profile to tell others about your own STEM experiences and successes. You can look at the kinds of requests for STEM Ambassadors that other schools have made via STEM*Networking*

The amazing range of Ambassadors available means that we can provide really inspirational people to help. It has never been easier for you to request an Ambassador to visit your students – simply complete an online form at <http://networking.stemnet.org.uk>

What is the STEM Ambassadors Programme?

The STEM Ambassadors Programme is a free of charge resource for teachers, schools and colleges across the UK, offering you support from thousands of people with STEM backgrounds to help you excite and inspire your students in Science, Technology, Engineering and Maths.

The STEM Ambassadors Programme is funded by the Department for Business, Innovation and Skills (BIS), and co-ordinated by STEMNET.

STEMNET works with a range of partners to manage STEM Ambassadors locally – these are organisations skilled in facilitating business-education links. They will help you determine how you can most benefit from involvement with an Ambassador and then find someone who fits your requirements.



The benefits to you

Each volunteer Ambassador is registered, trained and checked with the Disclosure and Barring Service (DBS) or the Protecting Vulnerable Groups (PVG) Scheme in Scotland. They can help you in a variety of ways – within the curriculum and beyond.

It's up to you how you think you can best use their enthusiasm and expertise.

Types of activities include:

- Assisting with STEM clubs – either within school hours or as part of extended school.
- Helping add a work-related perspective to curriculum topics, like energy, health and sustainability.
- Providing insights into career opportunities arising from STEM qualifications – both traditional and less traditional STEM-related careers.
- Facilitating workplace visits where appropriate and helping students get the best from them.
- Assisting with various activities, both within the timetable and outside it.
- Working as mentors to students, helping to encourage them and develop their motivation and employability skills.

Who are STEM Ambassadors?

Ambassadors come from an extremely diverse range of backgrounds and working environments. What they all have in common is that they use STEM skills in their everyday lives and have a desire to help more young people understand how Science, Technology, Engineering and Maths can help them achieve their potential.

Our current Ambassadors include:

Healthcare scientists, physicists, environmental scientists, engineers of all disciplines, statisticians, architects, financial modellers, apprentices, industrial chemists, microbiologists, zoologists, designers, geologists, electronics specialists, set designers and countless others...

‘For us, using the STEM Ambassadors scheme has meant that the students can see the things we are learning can and do have genuine applications in the “real” world. It was good to see the students relating to the STEM Ambassadors and asking them questions about their careers and experiences’

Sarah Fennell,
Teacher, Woodcote High School

How do I get involved?

Contact us to discuss your requirements and find out who manages the STEM Ambassadors programme in your area, by:

- Calling STEMNET on 020 3206 0450
- Emailing us on info@stemnet.org.uk
- Visiting our website on www.stemnet.org.uk

Follow @STEMNET on Twitter



We look forward to hearing from you, and we're always happy to hear feedback on how you have found working with our volunteer Ambassadors and your suggestions on how we can improve.



‘Not only did the children have the chance to meet positive female role-models from male-dominated professions, but they could also see the use of the forces in science in real life’

Melanie Pollett,
Teacher, South Rise Primary School

For further information visit
www.stemnet.org.uk

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