

Dear Colleague

The University of Worcester runs the STEM (Science, Technology, Engineering and Maths) Ambassador Hub for the West Midlands; this covers the Black Country, Birmingham, Solihull, Worcestershire, Herefordshire, Coventry and Warwickshire. The STEM Ambassadors programme is **free** to use and can be an excellent way to increase engagement in STEM subjects in Secondary Schools and Colleges.

We have over 2,200 STEM ambassadors who have volunteered to work with staff and students in schools across the West Midlands. They come from a range of STEM backgrounds with a wide variety of expertise. These have all undergone an induction training programme, have enhanced DBS status and have insurance to cover their work in schools.

Below are just some of the ways STEM ambassadors can help and support you and your colleagues.

Your role	FREE Support on offer from STEM ambassadors
Careers coordinator	STEM professionals to deliver CV writing and presentation skills workshops and carry out mock interviews. STEM apprentices to talk about their experience of the apprenticeship route in to a STEM career STEM recruitment professionals to give assembly talks about the world of work, the skills and qualities employers are looking for in the young people they recruit, the local opportunities and a day in the life of a nurse or civil engineer etc....
Head of Sixth form	STEM professionals to deliver CV writing workshops, mock interviews, presentation skills, talks about their experience of applying and going to university. STEM apprentices to talk about their experience of the apprenticeship route in to a STEM career STEM Mentors to work with individual students to support their transition from Y12-Y13, the UCAS application process, or develop their understanding of a particular field within STEM
D&T Curriculum leader	STEM professionals to: <ul style="list-style-type: none"> <li>✓ provide a real life context to the learning in the workshop and classroom</li> <li>✓ talk about careers in design and technology</li> <li>✓ evaluate GCSE and AS/A level D&amp;T projects</li> <li>✓ talk about real life design problems and applying the iterative design process</li> </ul>
Science Curriculum leader	STEM professionals to: <ul style="list-style-type: none"> <li>✓ provide a real life context to the learning in the science lab and classroom</li> <li>✓ talk about careers in science</li> <li>✓ run science workshops</li> <li>✓ support the BSA CREST award scheme</li> </ul>
Maths curriculum leader	STEM professionals to <ul style="list-style-type: none"> <li>✓ provide a real life context to the learning in the maths classroom</li> <li>✓ talk about application of maths in industry</li> </ul>

	✓ run maths workshops
STEM club coordinator	STEM professionals to: <ul style="list-style-type: none"> <li>✓ help set up a new after school STEM club</li> <li>✓ support an established after school STEM club</li> <li>✓ judge STEM club competitions</li> <li>✓ give inspirational talks to STEM clubs</li> </ul>
PSHE Coordinator	STEM professionals to support Careers and Enterprise days by giving talks, presentations and delivering workshops
Work experience coordinator	STEM professionals to: <ul style="list-style-type: none"> <li>✓ support preparing students for work experience e.g. rights and responsibilities, health and safety, working in a team etc...</li> <li>✓ support student's evaluation and debriefing after work experience</li> </ul>
Business links coordinator	STEM professionals to: <ul style="list-style-type: none"> <li>✓ support work experience programmes</li> <li>✓ establish links with local companies</li> <li>✓ provide updates of the Local labour market and skills needed</li> </ul>

To find out more about the FREE support available from STEM ambassadors just drop us an email at [ambassadors@worc.ac.uk](mailto:ambassadors@worc.ac.uk) or call the team on 01905 542576.

Please note STEM ambassadors are volunteers and their availability is subject to their work commitments and other factors so it is conditional on the timing, notice and information we receive from you. The more notice you give us the more chance we have of finding you a suitable ambassador volunteer.

Let us know what important STEM events and activities you have planned for the term ahead and we will do our best to get you free STEM ambassadors to support them.

I look forward to hearing from you.

Kind regards

Zoe Chesher  
West Midlands STEM Ambassador Hub Lead, University of Worcester