

STEMNET

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STEM
AMBASSADORS
ILLUMINATING
FUTURES



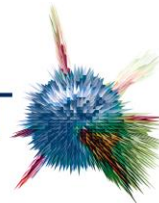
science, technology, engineering, maths

STEMNET creates opportunities to inspire young people in Science, Technology, Engineering and Mathematics (STEM)



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STEMNET:

Linking schools and STEM experts/enthusiasts

- STEM Ambassadors
- STEM Clubs



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STEM Ambassadors:

Inspiring, challenging stereotypes, broadening horizons

26,000 volunteers

All STEM backgrounds

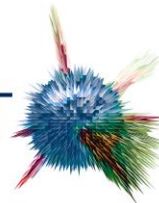
Induction, police check, training

Free of charge to schools



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STEM Clubs:

Allows students to explore, investigate and discover STEM subjects

3,500 active STEM Clubs

Extra-curricular, flexible

All areas of STEM

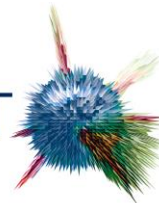
Local STEMNET support for teachers

Visit www.stemclubs.net



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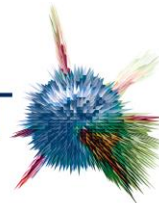
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Does it work?



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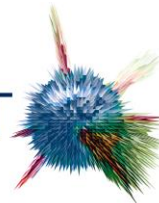
The impact of STEMNET's programmes in schools

- Pupils are 90% more likely to be interested in continuing to study STEM subjects after engaging with STEM Ambassadors.
- 37% of pupils say they want a job in STEM. This rises to 61% of pupils who are in a STEM club.
- 90% of teachers reported STEM Ambassadors and STEM Clubs have resulted in increased awareness of STEM subjects and their real-world applications.
- 86% of teachers report an increased awareness of STEM career and employment options thanks to a STEM Ambassador or STEM Club.
- Over half of teachers reported STEM Clubs have led to an increase in pupils' attainment in STEM subjects.



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Extension into HEIs Pilot 2012-13

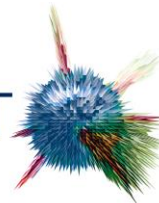
During the 2012-13 academic year offered access to seven UK HEIs to the established STEM Ambassadors programme:

- Aimed to increase students understanding of STEM career options available to them post-university
- 151 students attended face-to-face STEM Ambassador sessions over the academic year and 118 (78%) took part in evaluation
- Trialled an online STEM careers forum model with the Open University
- Facilitated four focus groups with students at 4 of the pilot HEIs



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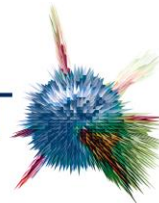
As a result of attending a STEM Ambassador session:

- 89% agreed they now had a better understanding of STEM career options available to them after university
- 77% agreed they had increased knowledge of how best to pursue their desired career path
- 88% would like to attend similar sessions in the future
- 97% would recommend attending similar sessions to other students



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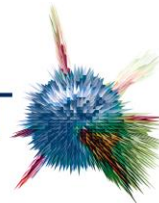
Extension into HEIs Pilot 2012-13

- Students value opportunity to talk to ‘real-life’ people working directly in STEM careers in an informal setting
- Many students see the recruitment process as a ‘black-box’
- Opportunities contribute to improving student confidence and knowledge of what employers expect



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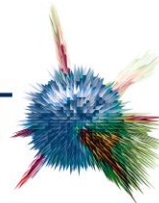
Extension into HEIs – Next Steps

- Pilot completed in August 2013
- A further 20 HEIs have registered interest in engaging with the STEM Ambassadors programme
- STEMNET currently exploring funding options to enable the pilot to be developed and extended further
- Watch this space....



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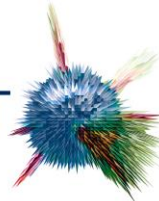
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