

News

Success Stories

Chemistry at Work Goes Off With A Bang!

Kent and Medway STEM in collaboration with The Royal Society of Chemistry organised 'Chemistry at Work' on the 12th December at Community College Whitstable. Year 9 students were introduced to their local chemical industry. They had demonstrations on how the science they are learning at school is used by a variety of people in their work. Eight presenters all representing a wide range of companies made it a very successful event! One student said 'I loved the STEM activity day because it was so interactive which made it really interesting. It was a good learning experience teaching us how science applied to our daily lives and how it can be dangerous. We Watched demonstrations and took part in workshops. I enjoyed the day immensely'! We are very grateful to everyone who contributed to this day for all their hard work. To find out more as well as look at the feedback from the students please visit www.kentandmedwaystem.org.uk/index.php/events/stem-event-info/290/

'What's My Line Competition' at Discovery Park Sandwich 10th December 2013.

This is an activity that allows students to gain insight into the wide range of careers that involve science, technology, engineering and maths. Ambassadors from a range of STEM professions were asked to bring 'props' or tools of their trade to prompt discussion and help demonstrate their occupation. Students had 5 minutes to question ambassadors about their careers and their current role in an attempt to guess their job title. At the end of the session the STEM Ambassadors revealed their job role to all of the students and the winning group were given a small prize.

If you would like put an event like this at your school please get in touch at kentandmedwaystem@canterbury.ac.uk

New CREST Discovery Award Launched

The CREST Discovery Award is designed to appeal particularly to teachers new to running STEM related project work; it will act as a pre-Bronze Award to build teachers' confidence in facilitating CREST Awards. To find out more please visit www.kentandmedwaystem.org.uk/index.php/news/newspage/255/

Events for Students

Residential Course Open Days – Year 12 Students

7th -10th July,

- Material for energy at Loughborough University
- Supercomputing in engineering at University of Southampton
- Electronic Engineering at Cardiff University

14th -17th July

- Railway systems engineering at University of Birmingham
- 3D printing Technology at University of Warwick

21st -24th July

- Advanced Marine Technology at Newcastle University
- Nanotechnology at University of Leeds

28th – 31st July

- Naval Architecture at Plymouth University

28th July – 1st August

- Computing and Microelectronics at University of Southampton.

Resources

BP Free Science Resources

All the online resources are free to use for UK teachers, linked to the curriculum, and highly interactive. There are over 280 videos, animations, online experiments and worksheets available to view. The BP Educational Service provides free videos, online experiments and activities to help teach Science subjects at Key Stage 3 and Key Stage 4; teachers' notes and worksheets are included. To find out more please visit:

<http://bpes.bp.com/>

Free Teaching Resources from Resources4Schools

Resources4schools is a free teaching resource portal full of free teaching plans, presentations, games, apps, posters, revision guides and much, much more so why not come and check us out? Thousands of free resources are across the entire curriculum and for all age ranges. To find out more please visit www.resources4schools.co.uk

STEM Resources.co.uk

STEM Resources is a place you can find free STEM activities, projects and other information relating to STEM. STEM Resources is run by KM STEM Ambassador Jonathan Reed. To find out more please visit www.stemresources.co.uk/

Jobs in Technology & Engineering

Information for students considering careers in Technology & Engineering including a search engine and more information about different types of engineering career pathways. To find out more please visit: <http://engineering-jobs.theiet.org/>

Tomorrow's Engineers

As you may already know Tomorrow's Engineers produce a range of materials which can be downloaded and requested by teachers via the website:

www.tomorrowsengineers.org.uk/Careers_resources/Individual_resources/

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