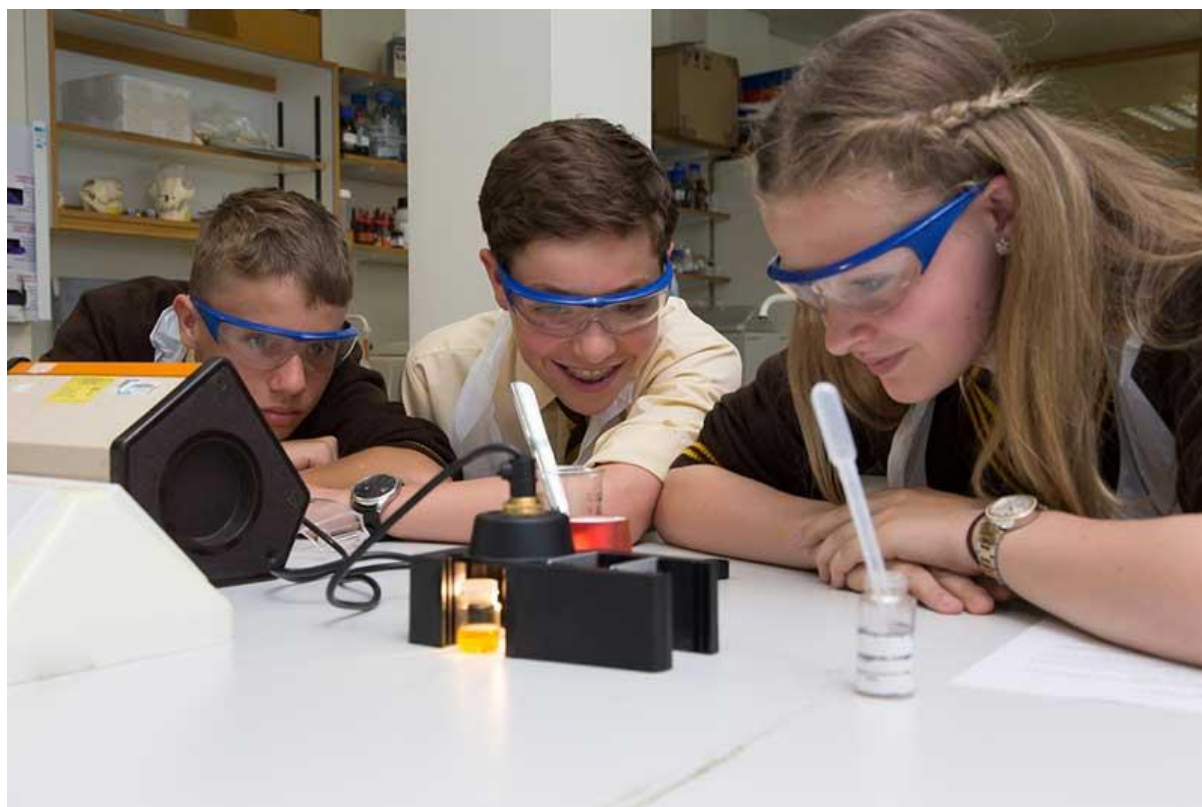


News

Success Stories



Local Businesses and STEM Ambassadors Enthuse Students at Chemistry at Work

On the Thursday 23 and Friday 24 June 300 school students from 21 Secondary schools in Kent and Medway region took part in *Chemistry at Work* event at Canterbury Christ Church University. The event shows how the chemistry studied at school is put into use in the real, everyday world. It aims to introduce pupils to their local chemical industry and to demonstrate how the chemistry they are learning at school is used by a variety of people in their workplace.

The students' feedback included:

- *'Good staff and helped out a lot and got me more interested in chemistry also made me think more of having a career in chemistry'*
- *'I loved today so much I had so much fun'*
- *'I really enjoyed it and would definitely do it again'*

<http://www.kentandmedwaystem.org.uk/index.php/events/report/792/>

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

Magic Mathematics Challenge at Ursuline College!



The inaugural Ursuline Primary School Mathematics Challenge took place on 13th July 2016. The primary schools attending were Garlinge, St Gregory's and St Ethelbert's. The students took part in three challenges. The first was "Maths Magic", which included various tangrams, puzzles, assembling shapes and making a working model! The second challenge used Kapla to build the tallest possible earthquake proof tower and the third involved code breaking. Students had to crack various secret codes. All staff and students had a great time and want to do it all again next year!

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

Events for Teachers

BBC Micro:bit Support Twilight Session

Date: Wednesday 13th July, 4.30-6pm

Venue: Canterbury Christ Church University, Medway Campus, ME4 4UF

Cost: Free

FREE interactive training session using BBC micro:bit.

To book email

kentandmedwaystem@canterbury.ac.uk



Primary Science Conference

Date: Friday 23rd September, 9am – 3.30pm

Venue: Ashford International Hotel, Simone Weil Avenue, Ashford, Kent, TN24 8UX

Cost: Early Bird £95, Conference Fee £120

Key Note speaker Jane Turner will give an update on science from a national perspective, including Ofsted, innovation and science testing.

To book email kentandmedwaystem@canterbury.ac.uk

Events for Students

Conference for A-Level Students

Date: - Friday 8th July – 9.30am -4pm

Venue: University of Hertfordshire, Hatfield, AL10 9AB

Cost: £15.00

This event will include a number of CPD workshops to support the teaching of computer science in both primary and secondary schools, as well as an expert cybersecurity keynote speaker.

To book please email kentandmedwaystem@canterbury.ac.uk

Engineering Festival for KS3 Students

Date: Thursday 6th October

Venue: IET London@ Savoy Place, 2 Savoy Pl, London, WC2R 0BL

Cost: Free

The day includes

- Practical workshops on designing a car with F1 in Schools
- Solving real-world problems with the help of a robot
- The *FIRST*[®] LEGO[®] League; making wind turbines and solar cars with Young Engineers
- “Coding the future” with the BBC micro:bit

[Full Details Click Here](#)

Tomorrows Engineers Energy Quest

FREE STEM activity to be delivered by Young Engineers at your school

The Energiser Event is aimed at Year 8 and 9 and is a mix of practical and paper based activities.

[Full Details Click Here](#)

To book email kentandmedwaystem@canterbury.ac.uk

Competitions and Grants

BBC micro:bit Model Rocket Car Competition

Run in schools or clubs it is open to 11-16 year olds during season 1 - April to June 2016 - & will be expanded to 8-16 year olds in season 2 - Sept 2016 to June 2017

Tomorrow's Engineers EEP Robotics Challenge

Deadline: Friday 15th July 2016

Teamwork, robots, design, research, fun and loads of LEGO[®] are all part of the mix, as are real-world challenges, teacher support and some great prizes.



Faraday Challenge Day

Deadline: Monday 25th July 2016

Delivered in 68 schools **free of charge** by the IET, the Faraday Challenge Days are one-day STEM activities designed for six teams of six students. Our 2016-17 season's Challenge Days are designed for Year 8 students (England) and their equivalents (aged 12-13 years). Applications to host a Faraday Challenge Day during the 2016-17 season are **now open!**

The BP Ultimate STEM Challenge

Launching for a third year on 1st September 2016, the competition invites students aged 11 to 14 across the UK to solve real-world challenges and compete for some exciting new prizes! Give your students a head start by signing up now to be the first to know.

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

As well as our extensive bank of [online STEM resources](#), we also offer a diverse range of FREE STEM related resources and services to help you inspire young people in your education setting. Use this section to find out more about what we have to offer including instructions on how to use them in the classroom. To find out more please visit <http://www.kentandmedwaystem.org.uk/index.php/resources>

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/>