

Cornwall and West Devon

Year 10 Mathematics Conferences 2011

Thursday 7th April 2011 at the University of Plymouth.

This event is being organised by the Further Mathematics Support Programme and the University of Plymouth, with support the Plymouth Post-16 Mathematics Network. The event is open to all year 10 pupils.

There is no charge for attending these events, but all pupils must be booked in advance. During the lunch period the students will be able to work on a set of problems. All the correct solutions will be entered into a prize draw at the end of the day.

Programme

The day starts at 1000 and finishes at 1445. During the morning the pupils will take part in the following workshops:

- Team Challenge – A mathematical team competition with prizes for the best teams.
- Card Chase – A workshop on probability with interactive activities based on a pack of cards. (Carrie Headlam, University of Plymouth)
- Balance a Body – A workshop on mechanics, which will look at centres of mass and balancing and the properties of the Gömböc. It will conclude with the chance to balance the body of one of the participants in a safe way. (Ted Graham, University of Plymouth)
- RSS Workshop – A workshop run by the RSSCSE, which will involve the collection of data, the use of computers and a careful consideration of the conclusions that can be reached. (Kate Richards, RSSCSE).

In the afternoon Martin Lavelle and David McMullan will give their Bubbles Lecture.

At the end of the day prizes will be awarded for the teams that do best in the Team Challenge.

Booking

To book places for your students please send a list of your students names to Julie Tombs at jtombs@plymouth.ac.uk

If you require further information, please contact Ted Graham at egraham@plymouth.ac.uk

