



# MATHEMATICAL EDUCATION ON MERSEYSIDE

Registered Charity no. 517028

## ORBITER

2015  
APRIL

MEM Orbiter can be downloaded free of charge from <http://www.maths.liv.ac.uk/~mem>

**MEM Masterclasses 2015** The twenty-fifth series of Masterclasses will take place in the Autumn Term on five Saturdays starting in October 2015. Full details can be found at [www.maths.liv.ac.uk/~mem/index.html](http://www.maths.liv.ac.uk/~mem/index.html)

If you wish to nominate up to **two** pupils from your school who are at present in **Y7 or Y8** you should complete the **online application form**: [www.maths.liv.ac.uk/~mem/Masterclasses.html](http://www.maths.liv.ac.uk/~mem/Masterclasses.html)

**Don't delay, act today. Places are limited and will fill up very quickly.**

**Sixth Form Pop Maths Quiz** The eleventh Annual LivMS Quiz was held on **Saturday 14th March 2015** at **Liverpool John Moores University**, and was organised by Sue Harkness and Julie Powell. It was attended by 110 students in 31



teams from 13 schools, supported by 15 teachers and 18 LivMS staff and PGCE trainees. The 2015 winning teams were from Liverpool Blue Coat School and Stockport Grammar School, pictured with Professor Paulo Lisboa from LJMU who presented all the prizes.

The 2015 Quiz was sponsored by Chartwell-Yorke, Liverpool John Moores University, Qwizdom and WH Smith Promotions Ltd.

### Liverpool Mathematical Society



**5:30PM Wednesday 13th May 2015**  
(5:00PM refreshments)

**Liverpool Hope University**  
Eden Building Room EDEN 007

Presidential lecture preceded by AGM

**'Exploring the use of Structured Apparatus to develop Mathematical Understanding'**

**Lisa Baggaley**  
**LivMS President 2014/15**

All welcome; no door charge

**Advance Notice: Popular Lecture**  
**11th November 2015**

**University of Liverpool**  
**Vicky Neale**

**Title: to be announced**  
[people.maths.ox.ac.uk/neale/Public.html](http://people.maths.ox.ac.uk/neale/Public.html)

Full details of all LivMS events can be found here:

[www.livmathssoc.org.uk/](http://www.livmathssoc.org.uk/)

**Free Problem Solving Workshops for Years 12/13**  
**Tuesday 5<sup>th</sup> May and Monday 18<sup>th</sup> May** 4:30PM to 6:30PM at the **University of Liverpool**. Contact Martin Bamber [mbamber@liv.ac.uk](mailto:mbamber@liv.ac.uk)

**Maths Inspiration Year 9/10**  
**Thursday 25<sup>th</sup> June 2015** at the **Capstone Theatre**, Liverpool  
[www.mathsinspiration.com](http://www.mathsinspiration.com)

**Inspiring Mathematics conference** at **Manchester Metropolitan University** on **27<sup>th</sup> June 2015**. Contact Sue Pope [s.pope@mmu.ac.uk](mailto:s.pope@mmu.ac.uk)

### Contact MEM

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### Challenge, Senior Challenge, and Open Challenge

These **take-home competitions** for pupils in **Years 7/8** (MEM Challenge) and **Years 9/10** (MEM Senior Challenge) and **Year 13 and below** (LivMS Open Challenge) were held in the February half-term 2015.



The MEM competitions attracted over 3000 entries from 100 different schools and the Alice in Wonderland-themed questions were illustrated by Peter H. Ackerley.



Prizes and Certificates will be awarded at events to be held at the University of

Liverpool on **Weds 29th April** and **Weds 6th May 2015**

[www.maths.liv.ac.uk/~mem](http://www.maths.liv.ac.uk/~mem)  
[www.livmathssoc.org.uk/](http://www.livmathssoc.org.uk/)

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