

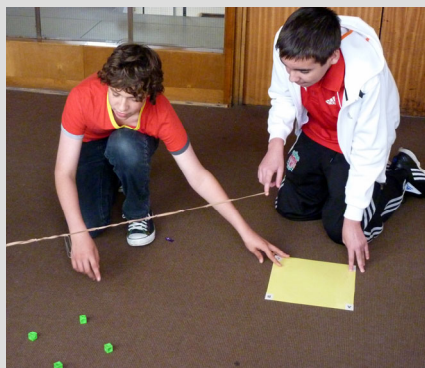
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MATHEMATICAL EDUCATION ON MERSEYSIDE

# ORBITER

2010  
JANUARY



## MEM Challenge & Senior Challenge, LivMS Open Challenge

Copies of these **take-home competitions** for pupils in

**Years 7/8** (Challenge),

**Years 9/10** (Senior Challenge),

**Under 18** (Open Challenge) will be mailed directly to all Heads of Maths in all secondary schools by 1 February 2010, to be made available to pupils over **February half-term 2010**. Encourage your pupils to get involved.

Participation in all the competitions is FREE.

For further details visit [www.maths.liv.ac.uk/~mem/](http://www.maths.liv.ac.uk/~mem/)

### MEM Masterclasses

The 19<sup>th</sup> Series of Masterclasses was sponsored by **NW G&T Hub** and was attended by 77 pupils from 35 schools, some travelling from as far away as Blackburn, Burnley, Clitheroe, Manchester, Preston, South Cheshire and North Wales.

### Further Maths Centre

contact: Martin Bamber  
Tel 0151 795 0345  
[m.bamber@liv.ac.uk](mailto:m.bamber@liv.ac.uk)  
[www.fmnetwork.org.uk/](http://www.fmnetwork.org.uk/)

### NCETM

**National Centre for Excellence in Teaching Mathematics**  
[www.ncetm.org.uk](http://www.ncetm.org.uk)  
contact: Liz Henning  
Tel 07787 564 348  
[Liz.henning@ncetm.org.uk](mailto:Liz.henning@ncetm.org.uk)

### FunMaths Roadshow CD

For details and latest news of **CD v5** recently revised and extended, and **complete kits for purchase** visit the **new website**:

[www.funmathsroadshow.com](http://www.funmathsroadshow.com)

**ATM** For more information on local activities of the **Association of Teachers of Mathematics**

contact: Sue Humphreys  
Tel 0151 346 1182  
[suehumphreys@wirral.gov.uk](mailto:suehumphreys@wirral.gov.uk)

### LivMS Sixth Form Pop Maths Quiz

The sixth annual Quiz will be held on **Saturday 6 March 2010** at **Liverpool John Moores University**

This is a team competition which runs a bit like a Pub Quiz but without any alcohol! **£1000 in prizes will be awarded on the day.**

Full details and how to enter from Dave Pountney:  
[d.c.pountney@ljmu.ac.uk](mailto:d.c.pountney@ljmu.ac.uk)  
[www.maths.liv.ac.uk/lms.html](http://www.maths.liv.ac.uk/lms.html)

### Maths Club

The next meeting is Saturday 30 January 2010 at Liverpool University.  
Contact: David Lewis  
[d.m.lewis@liv.ac.uk](mailto:d.m.lewis@liv.ac.uk)  
[www.maths.liv.ac.uk/~mathsclub/](http://www.maths.liv.ac.uk/~mathsclub/)

**LMS BURSARIES** See LivMS website for details of bursaries for teachers and students and how to apply [www.maths.liv.ac.uk/lms.html](http://www.maths.liv.ac.uk/lms.html)

### Contact MEM

[www.maths.liv.ac.uk/~mem](http://www.maths.liv.ac.uk/~mem)  
MEM Secretary: Mark O'Hagan  
Tel 07795 006 936  
[ohaganm@theacademy-sfa.co.uk](mailto:ohaganm@theacademy-sfa.co.uk)  
MEM Chairman: Barry Grantham  
Tel 0151 291 3612  
[granthb@hope.ac.uk](mailto:granthb@hope.ac.uk)

### Liverpool Mathematical Society (LivMS)

For full details of 2010 events visit [www.maths.liv.ac.uk/lms.html](http://www.maths.liv.ac.uk/lms.html)

#### Free Popular Lecture

- Thursday 25 February 2010  
**University of Liverpool**  
From Google to Tomb Raider:  
The mathematics of internet search engines and video games  
Richard Lissaman

#### Primary CPD meetings,

contact Wendy Singleton  
01254 885 907  
[w.singleton@tesco.net](mailto:w.singleton@tesco.net)

- Saturday 23 January 2010  
**Mathematics with Dominoes and Dice (KS2)** Wendy Singleton
- Saturday 20 March 2010  
**Exploring Shape and Space (KS1/KS2)** Carole Bean

#### Secondary CPD meetings,

contact Pauline Bray  
0151 291 3278  
[brayp@hope.ac.uk](mailto:brayp@hope.ac.uk)

- Saturday 23 January 2010  
**Embedding Functional Skills into maths lessons** Sue Harkness

#### A-level meeting

Thursday 22 April 2010  
**University of Liverpool**  
Exam Board representatives plus Sue Pope (QCDA) speaking on latest changes to AS and A level

MEM and LivMS are pleased to acknowledge generous financial help received during the past 12 months from Barclays Bank plc, Chartwell-Yorke, Mercer Limited, P H Holt Foundation, W.H.Smith Promotions Ltd., Liverpool Hope University, Liverpool John Moores University, University of Liverpool, North West Gifted & Talented Hub