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MATHEMATICAL EDUCATION ON MERSEYSIDE

# ORBITER

2014  
JANUARY

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



## MEM Y8/9 Masterclasses

The 23rd Series was attended by 69 pupils from 27 schools. Venues for the 5 sessions included in turn the campuses of all 3 Liverpool-based universities.

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



## LivMS Y5/6 Masterclasses

24 pupils from 6 schools attended a session at Liverpool Hope University and 18 pupils from 5 schools attended at Belle Vale Primary School in 2013.

Additional sessions are being planned for March, April and June 2014.

Contact: Lisa Baggaley

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

## Contact MEM

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## MEM Challenge & Senior Challenge, LivMS Open Challenge

Copies of these **take-home competitions** for pupils in **Y7/8** (Challenge), **Y9/10** (Senior Challenge), and **Age 18 and under** (Open Challenge) will be mailed directly to Heads of Maths in all secondary schools by 31 January 2014, to be made available to pupils over **February half-term 2014**.

Encourage your pupils to get involved. Participation is **FREE**.

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

## Liverpool Mathematical Society (LivMS)

For full details of 2014 events visit

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

**Popular lecture suitable for everyone Year 11 and up**

## Thomas Woolley Diffusion of the Dead

Knowing how long we have before we interact with a zombie could mean the difference between life, death and zombification. Here, we apply the same mathematical models to zombies that you would use to describe flu, or measles.



[people.maths.ox.ac.uk/woolley/index.htm](http://people.maths.ox.ac.uk/woolley/index.htm)

## University of Liverpool Chadwick Lecture Theatre

**Thursday 6th March 2014**

**5:30PM to 6:30PM**

(refreshments from 5:00PM)

No tickets. Free admission to all students and full members of LivMS

Others £2.00 payable on the door.

## Secondary CPD, enrichment, tuition, KS4 and KS5 advice, and Further Maths

Contact: Martin Bamber

[M.Bamber@liverpool.ac.uk](mailto:M.Bamber@liverpool.ac.uk)

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

**Joyce Hatton Bursaries** For information about bursaries (up to £500) for teachers and students, visit [www.livmathssoc.org.uk/](http://www.livmathssoc.org.uk/)

## LivMS Sixth Form Pop Maths Quiz

The tenth annual Quiz will be held on **Saturday 1st March 2014** at

**Liverpool John Moores University  
Byrom Street Campus**

**10:00AM to 2:00PM**

This is a team competition which runs a bit like a Pub Quiz but without any alcohol! **Prizes awarded on the day**. Details and application forms:

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

## CPD Primary & Secondary #mathsmeetnorthwest

**A STEM focused, student-led teachmeet 9:30AM to 2:00PM**

**Saturday 18th January 2014**

**Liverpool John Moores University  
I.M. Marsh Campus, L17 6BD**

<https://mathsmeetnorthwest.splashthat.com/>

**Join Liverpool Mathematical Society** for access to the members' pages of the website, free admission to public lectures and more, go to [www.livmathssoc.org.uk/](http://www.livmathssoc.org.uk/) and click on Membership (free for students)

## FunMaths Roadshow

For full details, latest news and information on how to obtain the FunMaths Roadshow please see

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

**Welsh Primary boxes available**

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