

Please display or pass on to a colleague in your Mathematics Department



MATHEMATICAL EDUCATION ON MERSEYSIDE

ORBITER

2012
SEPTEMBER

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

Mathematical Education on Merseyside (MEM)

www.maths.liv.ac.uk/~mem

An open invitation:

New ideas and offers of support are always welcome.

To find out more about MEM, why not come to our next meeting?

5:00PM to 6:00PM

Wednesday 19 September 2012

University of Liverpool
Room G02

Mathematical Sciences Building

MEM Chairman: Barry Grantham
0151 794 4050
granthb47@gmail.com

MEM Secretary: Katrina Flanagan
01744 678 862
katrina.flanagan@thesuttonacademy.org.uk

MEM Challenge (Y7/8) and Senior Challenge (Y9/10) and LivMS Open Challenge

These **take-home competitions** for pupils **will be held over half-term next February 2013** and they are **free!**

Questions will be mailed to schools early in February.



Certificates and prizes will be awarded at evening events to be held in Liverpool in May 2013.

FunMaths Roadshow

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

Liverpool Mathematical Society (LivMS)

www.livmathssoc.org.uk/



LivMS Secretary: Lonnie Readioff
0151 794 4050
readioff@liverpool.ac.uk

See LivMS website (above) for full details of all 2012/13 events and membership

Popular Lecture Series:

Kevin Houston

Rob Sturman

'In Tune with Mathematics'



What does it mean to be musically 'in tune'? The story takes us from Pythagoras to the modern day. Why is the standard Western tuning of instruments in fact out of tune? How has mathematics revolutionized the music industry via software that helps singers sing in tune? Along the way we try to solve the puzzle of the **Beatles' Magical Mystery Chord** as featured at the British Science Festival on 8 Sept 2012

Thursday 11th October 2012

5:30PM to 6:30PM

(refreshments from 5:00PM)

University of Liverpool

University Lecture Rooms Building
Room B, Grove Street, Liverpool
(close to L69 7ZF, map on LivMS website)

Admission £2.00 payable on the door. No tickets. Free admission to full members of LivMS and all students.

This lecture is suitable for pupils in Yr. 10, Yr. 11 and 6th form students.

MEM Masterclasses 2012

LAST CHANCE to nominate your Y8 or Y9 pupils



Classes are held every 2 weeks on five Saturdays this term beginning on **Saturday 6 October 2012**

Contact us NOW:

Application forms can be downloaded from www.maths.liv.ac.uk/~mem or requested by emailing Chris Marchant marchant@liv.ac.uk

Completed application forms giving parental consent must be received by **3rd October 2012**

Maths Club

www.maths.liv.ac.uk/~mathsclub/

The first meeting this year will take place at **Liverpool University** on **Saturday 22 September 2012**

contact: Chris Marchant
marchant@liv.ac.uk

Further Maths Centre

www.furthermaths.org.uk

contact: Martin Bamber
Tel 0151 795 0345
m.bamber@liv.ac.uk

NCETM

www.ncetm.org.uk

National Centre for Excellence in Teaching Mathematics

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