



# MATHEMATICAL EDUCATION ON MERSEYSIDE

Registered Charity no. 517028

## ORBITER

2021  
SEPTEMBER

MEM Orbiter can be downloaded free of charge from [www.mathsmerseyside.org.uk](http://www.mathsmerseyside.org.uk)

**CORONAVIRUS ANNOUNCEMENT** A mixture of face-to-face and online events are planned before Christmas. Details of how to join online events will be available on the websites in good time. Lectures are free. MEM website: [www.mathsmerseyside.org.uk/](http://www.mathsmerseyside.org.uk/) LivMS website: [www.livmathssoc.org.uk](http://www.livmathssoc.org.uk)

### Liverpool Mathematical Society



#### Popular Lectures

Suitable for year 11 up, their teachers and all those interested in mathematics. Full details of these events and more can be found at:

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

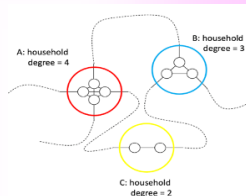
#### Party Hard!

### Colva Roney-Dougal

(University of St Andrews)

Wednesday 13 October 2021

Online 5.00 PM to 6.00 PM



The mathematics of connections

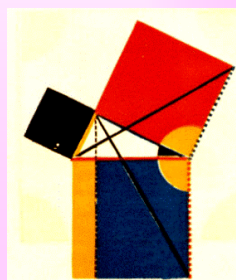
No charge but registration will be needed

### Great Mathematical Diagrams

**Chris Pritchard** President of the Mathematical Association 2021  
Thursday 18 November 2021

Online or in-person depending on circumstances at the time  
5.00 PM to 6.00 PM

The talk is a journey through mathematical diagrams



### LivMS Christmas Lecture Fermat's Last Theorem

**Simon Singh**

Wednesday 15 December 2021

Online

2.00 PM to 3.00 PM

The most notorious problem in the history of mathematics.

No charge but registration will be needed



**Join LivMS** You can join as an individual, or your school or college can join as an institution. Membership of the Society is particularly important at this time as our funding for the future is in doubt, so please join if you can. If you are able to pay more than the standard subscription, any additional amount paid will be treated as a donation, for which the Society will be most grateful. To join, please go to [www.livmathssoc.org.uk](http://www.livmathssoc.org.uk) Membership is free for students.

**LivMS Bursary Fund** (charity no. 1156909). Bursaries up to £500 for teachers and students are available - more information at [www.livmathssoc.org.uk](http://www.livmathssoc.org.uk).

At this time, the trustees will favour projects designed to help with the recovery from the COVID-19 crisis.

**Next deadline: 30 Sept 2021**

### Maths Club

The University of Liverpool's free monthly Saturday Maths Club for GCSE & A-Level students is returning from 30th October.

See <http://www.maths.liv.ac.uk/~mathsclub/> for details and to join.

### MEM Masterclasses 2021



A series of 3 Saturday Masterclasses for Y8 or Y9 pupils is being planned.

Please check the MEM website [www.mathsmerseyside.org.uk/](http://www.mathsmerseyside.org.uk/) for details.

### Resources for schools: Predicting the climate - Fun activities for National Science Week

**Chris Budd** University of Bath  
<https://people.bath.ac.uk/mascjb/climate.html>

Challenge and Senior Challenge prizewinners were able to attend events at the University of Liverpool last term



MEM and LivMS are pleased to acknowledge generous help received during the past 12 months from P.H.Holt Foundation, Liverpool Hope University, Liverpool John Moores University, Mercer, University of Liverpool, and W.H.Smith Promotions Ltd.