

# Liverpool Mathematical Society 2022 Sixth Form Pop Maths Quiz

## FINAL ARRANGEMENTS for STAFF and STUDENTS

**When:** Saturday 5th March 2022, from 9.45AM to 2.00PM

**Where:** **Face-to-face:** Liverpool John Moores University, Student Life Building, 2<sup>nd</sup> Floor, L3 5AJ (see map)  
**Online:** The Quiz will be released from the LivMS website at 1015AM on Saturday 5th March

**How:** **Face-to-face:** Printed copies of the Quiz will be distributed, 2 copies per team  
**Online:** Students and staff taking part need internet access to download the Quiz (pdf)  
**Everyone (Face-to-face and Online):** internet access needed (from 1200 to 1210PM) to submit answers to the Quiz for marking

## Before the event

Teachers submit names of students in teams. We allocate team ID, for example

School name	Team ID	Student names in each team
Hogwarts School	HOG1	Tony Black, Susan Grey, Sandy Green, John Brown
Hogwarts School	HOG2	Alison Brown, Katy Black, Sarah Grey, Stan Green
Hogwarts School	HOG3	Joe Green, Jed Brown, Tom Black, Sue Grey
Hogwarts School	HOG4	Michael Grey, Chris Green, Peter Brown, Ann Black

### The Programme for the day

			Rooms	Activity
0930	to	0945	Arrival at LJMU	Registration (ground floor reception area)
0945	to	1000	Main rooms, 2 <sup>nd</sup> floor	Seating arrangements in teams
1000	to	1015	Main rooms, 2 <sup>nd</sup> floor <b>Online:</b>	Introductions, information, release Quiz questions <b>Release the Quiz questions</b>
1015	to	1200	Main rooms, 2 <sup>nd</sup> floor	Working in teams
1200	to	1210	Main rooms, 2 <sup>nd</sup> floor <b>Online:</b>	<b>Upload answers using Google Forms</b> <b>Upload answers using Google Forms</b>
1210	to	1245	LUNCH	Answers checked and marks awarded <b>Remove the Quiz questions and Google Form</b>
1245	to	1345	<b>Everyone</b>	<b>Answers and solutions to the Quiz questions</b>
1345	to	1400	<b>Everyone</b>	<b>Thank you and concluding remarks</b>

## On the day

You will need pen and paper, and access to the internet on mobile phone, PC, or tablet

**We hope teams will enter into the spirit of this Quiz and appreciate that whilst PC/tablet/smart phones are needed to access the questions (online) and to submit team answers, such devices and calculators should NOT be used when answering the Quiz questions.**

**1200 to 1210** One member from each team (the team captain?) is responsible for entering the team's answers to all the questions for marking using a **Google Form**.

The team ID and the name of the person submitting the form are required (eg. HOG3, Sue)

Answers to questions should be entered carefully according to the instructions given on the Google Form

For example,  $\frac{\pi^2 - 3\sqrt{2}}{5!}$  should be entered as (pi^2-3root2)/5! or (PI^2-3SQRT2)/5! etc.

**1210 to 1245** Lunch and comfort break. Team answers will be checked and marks awarded.

**1245 to 1345** the answers and solutions to the quiz will begin. This will be a powerpoint presentation, and for each quiz question, there will be an opportunity for anyone with a mobile phone to choose from a set of possible answers (anonymously) via the Vevox Polling App.

Details of the login to the App will be given on the day. You can check it out here [Vevox live Polling App](#)  
To join in, you will only be required to click 'Join Meeting'. No personal details are needed.

**1345** or earlier, concluding remarks and thank you. Certificates will be emailed to teachers.

## Code of Conduct

- All interactions must be respectful. Students whose behaviour is felt to be disrespectful in any way will be removed from the event.
- Ensure that you are appropriately dressed (school uniform NOT required).
- Do not share any personal information.
- All PMQ staff have an enhanced DBS certificate
- Photographs are usually taken at these events and you should tell us on the day if you do NOT wish your photograph to be taken.

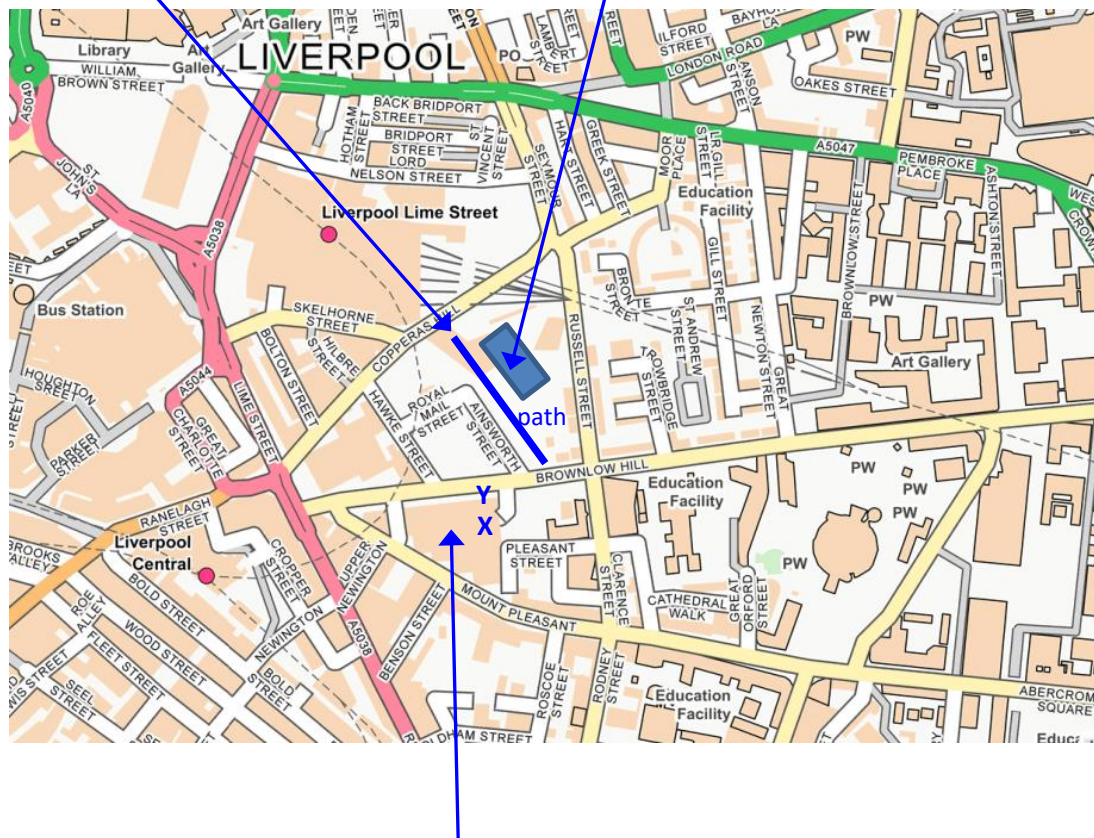
Thank you.

Barry Grantham  
Pop Maths Quiz Organizer  
Liverpool Mathematical Society  
[granthb47@gmail.com](mailto:granthb47@gmail.com)  
<http://www.livmathssoc.org.uk/>

Map follows

# Liverpool John Moores University, **Student Life Building**, L3 5AJ

Access by **pathway** between Copperas Hill and Brownlow Hill



Mount Pleasant car park (£5.00 per day)

The exit for vehicles (shown above as X) is on Level 7, but if parking on Level 8, there is a pedestrian exit (shown above as Y) opposite to Ainsworth Street