Maths in ACTION

London

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2024

Maths in Action

For A-level, IB, BTEC Level 3 and T Level maths students

Join us this autumn for an exciting day at Maths in Action, featuring informative discussions, interactive sessions, and inspiring stories. Our line-up of experienced speakers—including industry leaders, academics and communicators —will offer expert insights and share their real-world experiences, covering topics across pure and applied mathematics.

The day will also include a special session on examination success designed to provide students with the tools that they need to excel. With polls and quizzes throughout the day and plenty of opportunities to ask the speakers questions, this is an unmissable day, and we look forward to welcoming you and your students. Book now for Maths in Action!

Host: Matt Pritchard (Communicator and Magician)

Exam session: Nicole Cozens (Maths Educator)

- How to get rich quick
- Risk and Reward
- Million-Dollar Maths Equations
- Nim, Officers, and Other Games
- Lies, damned lies, and newspapers

Emmanuel Centre, London,
London,
SW1P 3DW

Venue: £25.50 +VAT *

Plus one COMPLIMENTARY staff ticket per 10 students.

*VAT may be reclaimable. Please check with your finance department

Education in Action is the leading provider of inspirational, informative, Education in Action study days for A-level, IB, BTEC and GCSE students.

Award-winning, world-class speakers
Cutting-edge content
Thought-provoking demos and presentations
Examination hints, tips and guidance
Modestly priced to offer access to all
Complimentary staff ticket for every 10 students booked
Bookings can be amended up to 28 days before the event day

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How to get rich quick /
Sophie Maclean – Mathematician and Communicator

Being able to determine the future is a great way to get money. From fairground games to the stock market, knowing what will happen is a great advantage. But even if we don't know for certain, statistics and probability can help us make valuable predictions. In this session, Sophie gives an introduction to the world of finance and shares some of the Maths she used working as a trader.

Sophie is a Maths Communicator and a member of the team behind Chalkdust Magazine. She has previously worked as a Quantitative Trader, a Software Engineer, and a Maths tutor.

Nim, Officers, and Other Games /
Colin Wright – Mathematician and Juggler

People are familiar with all sorts of games, but as we start to look at them with an analytical eye we sometimes find connections and similarities. In this workshop we play a few games, look for connections, and finish with a result that's genuinely almost too good to be true.

Colin received his maths doctorate in 1990 from Cambridge University. While at Cambridge he also learned how to fire-breathe, unicycle, juggle and ballroom dance.

Risk and Reward /
Alison Kiddle – Maths Communicator

When we make decisions, we weigh up risks against potential rewards, but humans are notoriously bad at estimating how likely events are. Find out how probability and statistics let us find certainty in an unpredictable world, and discover whether mathematics helped Alison find fame and fortune when they appeared on the TV quiz show Who Wants to Be A Millionaire last year!

Alison is a mathematician and educator from the East of England. As well as travelling round the UK and abroad to talk about maths, Alison designs puzzles, writes about maths, and creates mathematical art and craft.

Lies, damned lies, and newspapers /
Emily Grossman – Broadcaster

Can we believe everything we read in the papers? In this highly interactive and amusing talk, Dr Emily Grossman takes a light-hearted look at the use and abuse of statistics in the media, illustrated with examples from her own experience as a TV science broadcaster.

Emily is a bestselling science author, internationally acclaimed public speaker and TV personality. She is best known for explaining science stuff on her fun YouTube videos and on TV shows such as Sky1's Duck Quacks Don't Echo (hosted by Lee Mack).

Million-Dollar Maths Equations /
Tom Crawford – University of Oxford

Seven equations each worth a cool $1-million… The Millennium Problems are some of the most difficult in all of mathematics, and since being announced in the year 2000 only one has been solved. In this talk, Dr Tom Crawford will introduce the problems you vote for and tell you what you need to do to get your hands on the money!

Dr Tom Crawford, a mathematician at the University of Oxford, shares his love for maths through tomrocksmaths.com, showcasing favourite equations on Numberphile, and sporting maths tattoos (14 and counting).

Education in Action

Gilmoora House | 57-61 Mortimer Street | London W1W 8HS
020 3008 6441 | office@educationinaction.org.uk
www.educationinaction.org.uk