

Maths in ACTION

MAR
7
2024

Maths in Action

Welcome to our Maths in Action day!

We are excited to provide your students with an opportunity to deepen their understanding of mathematical concepts and explore new mathematics areas to enhance their classroom studies. During this enrichment day pupils will participate in a variety of interactive sessions that will challenge and inspire them. Our experienced speakers will guide your students through a range of topics, from advanced calculus to mathematical modelling, and will provide students with opportunities to collaborate with their peers to solve problems and explore new ideas.

In addition to the interactive sessions, we will hold an exam masterclass session tailored explicitly for A-Level Maths students. This session will provide students with strategies and tips for approaching and solving problems commonly found on A-Level Maths exams.

We are confident your students will enjoy the day and leave with a renewed appreciation for the beauty and power of mathematics!

More speakers for this event will be announced soon!

- Pokémaths - the maths behind the video game
- The N Most Important Symbols in Mathematics
- Perspectricks - the maths of optical illusion design
- Risk and Reward
- Maths in a Twist



Emmanuel Centre, London,
London,
SW1P 3DW



Venue: £24 +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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Pokémaths - the maths behind the video game / Tom Crawford - University of Oxford



How many Pikachu's does it take to power a lightbulb? How much does a Charizard eat? And why does the world of Pokémon seem to ignore the basic laws of physics? Dr Tom Crawford looks at the maths one of the world's favourite video games.

Dr. Tom Crawford, a mathematician at the University of Oxford, shares his love for math through tomrocksmaths.com, performing as the 'Naked Mathematician,' showcasing favorite equations on Numberphile, and sporting math tattoos (14 and counting).



The N Most Important Symbols in Mathematics / Katie Steckles - Mathematician and Communicator

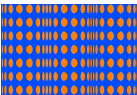


Join mathematician Katie Steckles on a journey through the huge array of beautiful symbols and notation we use to communicate mathematical ideas. Learn about the history of some familiar characters, and find out how truly ingenious notation can be - helping us to communicate and understand complex and abstract structures, and even driving new mathematical discoveries. Bring a pen and paper if you want to join in!

Katie is a mathematician based in Manchester, who talks about mathematics at universities, schools events, festivals, on BBC radio and TV, in books and on the internet.

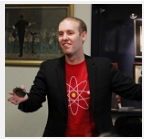


Perspectricks - the maths of optical illusion design / Matt Pritchard - Scientist and Magician



Invisibility cloaks, ambiguous objects, and dimensional portals are all magical effects created by playing with geometry. In this fast paced talk by magician and two time winner of the international Best Illusion of the Year Contest, you'll be given an exclusive behind the scenes tour of the creative process which has maths at its core.

Dr Matt Pritchard is a magician and a member of the Magic Circle. He is a lapsed atomic physicist with a love of recreational maths. He is also a member of the Science of Magic Association, which aims to foster research collaborations between magicians and psychologists.



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. Join Alison to discover how probability and statistics help us find certainty in an unpredictable world.

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.



Maths in a Twist / Colin Wright - Mathematician and Juggler



Many students are introduced at some point to the Möbius Strip, but this talk goes further to explore other possible twists and turns, looking to find structure and patterns, and asking how we can make sense of it all.

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.



Education in Action

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