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Maths in Action

Give your KS5 students the opportunity to meet our crack team of mathematicians, engineers, statisticians, architects, code-breakers, data scientists and more for the ultimate educational experience. Maths in Action features five lively and enriching sessions exploring a variety of topics carefully designed to extend students' knowledge. A session on examination success will equip students with the tools to succeed, and each student will receive our handy revision guide.

- Fermat's last theorem
- Maths in a Spacesuit
- Bad stats: what they don't tell you on the news
- From Euclid to the electric guitar
- Fighting disease with mathematics



Emmanuel Centre, London
9 – 23 Marsham Street
London, SW1P 3DW



£23 + VAT*

Plus one COMPLIMENTARY staff ticket per 10 students. *VAT may be reclaimable please check with your finance department

ttp 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

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Fermat's last theorem / [Simon Singh](#)



Simon discusses the origin of the problem, describes the heroes and villains who tried and failed to prove Fermat's Last theorem and tells the story of Professor Andrew Wiles, who conquered Fermat's challenge after working in secret for seven years.

Simon is an author and broadcaster. His books include Fermat's Last Theorem, The Code Book, The Big Bang, Trick or Treatment and most recently The Simpsons and Their Mathematical Secrets.



From Euclid to the electric guitar / [David Acheson](#)



Who really discovered Pythagoras's theorem? Why is infinity so dangerous? And what has all this got to do with the electric guitar? David takes an off-beat look at some of the major ideas in mathematics with demonstrations and live experiments.

David Acheson is an Oxford mathematician, and author of two best-sellers: *1089 and All That* (2010), and, more recently, *The Calculus Story* (2017).



Maths in a Spacesuit / [Jackie Bell](#)



How can you best utilise your mathematical skills to solve real-world (and in some cases out-of-this-world) problems? Dr Jackie Bell, will give us an insight into her career journey so far and the mathematics needed to get in to space!

Jackie is a Senior Teaching Fellow at Imperial College London. In 2017 Jackie took part in the BBC Science production 'Astronauts: Do You Have What It Takes?'.



Fighting disease with mathematics / [Sara Jabbari](#)



Discover how differential equations are used to understand antibiotic resistance, track the dynamics of bacterial infections and even develop new drugs to tackle disease.

Sara is a mathematician specialising in the modelling of networks of genes that respond to the inter-, intra- and extra-cellular signals that dictate cell behaviour.



Bad stats: what they don't tell you on the news / [Michael Blastland](#)



Join Michael to discover how statistics gives you some of the best bad-news, bad-science and bad-politics spotting skills around!

Michael Blastland created the Radio 4 programme *More or Less*, wrote several books, presents *The Human Zoo* on Radio 4, and talks to people about numbers.



The Training Partnership

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