

JUN  
27  
2024

## KS3 STEM in Action (morning)

Welcome to our KS3 STEM in Action morning!

Exciting news for all STEM enthusiasts! Our highly anticipated KS3 STEM event is coming to the University of Salford! In three incredible sessions we will bring the excitement of STEM subjects to audiences using real world applications and future directions. We know that getting the fundamentals right at KS3 is key to later success and we want students to be engaged and curious from an early age. Join us for a programme of inspiration, exploration and experimentation!

- [Magical Maths](#)
- [Beyond The Rainbow](#)
- [Life at the Limits](#)



University of Salford,  
Salford,  
M5 4WT



**Venue: £12 +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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## KS3 STEM in ACTION

### Magical Maths /

#### Matt Pritchard - Scientist and Magician



Predicting the future, reading minds, sending secret messages and making objects vanish are easy when you're a maths magician. With shapes, symmetry, patterns, probability, and numbers forming the basis of the maths behind the magic.

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.



### Life at the Limits /

#### Lucy Eckersley - Royal Society of Biology, Wildlife Presenter & Photographer



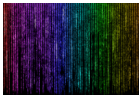
When you draw a food web or pyramid, you start with the grass, but... what if there is no grass? From polar bears to puffin poo, explore the Arctic as an example of how life can survive at the limits - and how humans are impacting this careful balance.

Lucy is a freelance science communicator, presenter and wildlife photographer. Her scientific background is in wild animal biology where she studied wild cats in a collaboration between the Royal Veterinary College and London Zoo.



### Beyond The Rainbow /

#### Ruth Perkins - STEM Communicator



What do mobile phones, microwaves, suntans, night-vision cameras and your radio have in common? See how light can be polarised and find out why the sky is blue. Play guess the object in our thermal imaging picture game and listen to the way your TV remote control sounds! By getting to grips with the wavelength and frequency of different types of radiation, all will become clear!

Ruth is an experienced STEM communicator whose particular interests are the science of sound and engaging with audiences with Special Educational Needs. She has presented science shows and workshops at schools, festivals, and events all over the world.



## Education in Action

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