

## Schools Programme 2018

All shows run for 1 hour. Places are limited, so please book early to avoid disappointment. Cost £3 per child plus a free staff place for every 10 children. To book seats for these events please contact the Centre Director at the Otley Courthouse on 01943 467466, email: [admin@otleycourthouse.org.uk](mailto:admin@otleycourthouse.org.uk).

**Tue 6th Nov 9.30am, 11.00am and 1.30pm**

### **Minibeasts: a Microscopic Safari**

Take a journey from everyday life down into the realm of microscopic wonders with Marty Jopson, the BBC One Show's resident scientist. The adventure will take you to a world totally invisible to the unaided eye. Marty begins with hugely magnified insects, but soon moves to plants too small to see and even bacteria, all live on the stage. A show full of interactive demonstrations and samples harvested from the audience. You have been warned! Supported by ZEISS, global leaders in the manufacture of microscopes.

**Suitable for KS2**



**Wed 7th Nov 9.30am, 11.00am and 1.30pm**

### **The Real Science of Fireworks**

Internationally-recognised pyrotechnician Matthew Tosh introduces you to his explosive world of pyrotechnic science, revealing how firework displays create colours, sound effects and perfectly timed bursts. Matthew will bring his fascination of how things work as he demonstrates how science, technology and engineering ensure that displays are spectacular, accurate and safe for the public. The sights, sounds and smells of fireworks are all brought to life just a few metres from the audience in an experience guaranteed to thrill.

**Suitable for KS2**



**Thur 8th Nov 9.30am, 11.00am and 1.30pm**

### **Surprising Science**

In a show packed with science tricks, stunts and puzzles, Matt Pritchard challenges the audience to discover the sneaky scientific secrets behind surprising illusions. This is not just an awe and wonder show but one that encourages scientific enquiry and critical thinking skills. Along the way the audience will be taught a host of science tricks using everyday household objects that they can go away and try later; extending the learning and providing teachers with lots of follow up opportunities. During the show Matt will share his background and love of science.

**Suitable for KS1 and KS2**

