

# GET SOME MAD SCIENCE IN YOUR CLASSROOM!



## INSPIRE YOUR PUPILS



## HANDS ON ACTIVITIES



## SPECTACULAR SHOWS

Bring the thrill of scientific discovery directly to your classroom! Mad Science workshops are designed to ignite curiosity, foster creativity, and enhance learning through fun, hands-on experiments.

Perfect for primary school students, our workshops align with national curriculum and cover a wide range of topics in biology, chemistry, physics, and more.

office@madsciencenw.com **01772 628844** northengland.madscience.org

EXPERIENCED PASSIONATE PRESENTERS



TAILORED TO CURRICULUM



HANDS ON AND ENGAGING



# MAD SCIENCE WORKSHOPS & SCIENCE DAYS

Make your school's science week go with a BANG! Your pupils will be amazed and inspired by a visit from Mad Science.

With 7 spectacular science shows and over 70 different hands-on workshop topics to choose from, we can build a science day that meets YOUR learning objectives, is educational, entertaining and FUN.

Woven throughout ALL Mad Science events are the core principles of scientific method and enquiry-based learning. This helps children develop an understanding of what it means to work and think like a scientist, a key requirement of the National Curriculum Science Programme of Study.

All our science days are delivered by highly experienced, enthusiastic and inspiring Mad Scientists. DBS checks, insurance and risk assessment provided as required.

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| | Mad Science Topics | National Curriculum Links |
|---|---|---|
| **KS1 (EYFS)** | **Worms** (habitats, building a wormery)<br>**Butterflies** (caterpillars, metamorphosis) | Plants, Animals including Humans |
| | **Human Body** (skeleton, organs)<br>**Dinosaurs** (teeth, diet, dino dig, make t-rex tooth)<br>**Seeking our Senses** (optical illusions, smell tests, Braille) | Animals Including Humans |
| | **Space Frontiers** (constellations, collecting moon rock) | Earth and Space |
| | **Magnetic Attraction** (magnetic field and effects)<br>**Energy and Motion** (potential and kinetic energy) | Forces and Magnets |
| | **Listen Closely** (voice modulator, sound effects)<br>**Science of Music** (volume, pitch, musical instruments) | Sound |
| | **Lights On** (colours, spectrum, shadows) | Light |
| | **Mad Mixtures** (density, liquid lasagna, volcanoes, slime)<br>**Water Works** (floating, sinking, absorption) | Everyday Materials, States of Matter, Properties and Changes of Materials |
| **KS2** | **Bugs** (classification, habitats, defences)<br>**Optical Illusions** (reflection, sight, lenses)<br>**Mission Nutrition** (balanced diet, food groups, digestion)<br>**Tantalising Taste** (taste bud 'mapping', sweet making) | Plants, Animals Including Humans |
| | **Earthworks** (earthquakes, igneous, sedimentary, metamorphic)<br>**Oil and How we Use It** (decomposition, combustion) | Rocks |
| | **Current Events** (circuits, fuses, nerve testers)<br>**Watts Up** (static, Van de Graaff generator, hair-raising) | Electricity |
| | **Rockin' Robots** (Lego Mindstorm, reacting to sound and light)<br>**Sonic Sounds** (pitch, volume, voice modulator) | Sound |
| | **Lights Colour Action** (spectrum, chromatography, indoor fireworks)<br>**Light Fantastic** (laser mazes, diffraction glasses)<br>**Glow Show** (fluorescence, phosphorescence, UV) | Light |
| | **Playing with Polymers** (polymers, molecules, slime)<br>**Matter of Fact** (atoms, molecules, reactions, silly putty)<br>**Harnessing Heat** (hand boilers, candy floss)<br>**Wacky Waves** (liquid density, oil spill)<br>**Acids and Bases** (pH testing, acids, alkalis)<br>**Detective Science** (fingerprints, evidence testing)<br>**Kitchen Chemistry** (food testing, yeast)<br>**Chemystery** (reactions, acetone, bouncy balls) | States of Matter, Properties and Changes of Materials, Everyday Materials |
| | **Fundamental Forces** (gyroscopes, centre of gravity)<br>**Magnetic Magic** (magnetic fields and effects)<br>**Under Pressure** (air pressure, vortex generators)<br>**Stunt Planes** (4 forces of flight)<br>**Machines** (pulleys, levers, inclined planes)<br>**Science of Toys** (potential and kinetic energy) | Forces and Magnets |
| | **Space... The Final Frontier** (bubble galaxies, asteroid drop)<br>**Living In Space** (galactic thermometer, astronaut life) | Earth and Space |
| **Shows** | **Energise It!** (circuits, plasma balls, fluorescence)<br>**Science of Sport** (lung capacity, aerodynamics, olympic torch)<br>**Mission to Mars** (flight, rocket fuel, parachutes)<br>**Up Up and Away** (hoverboards, vortices, air pressure)<br>**Spin Pop Boom** (centrifugal force, chemical reactions)<br>**Inventions and Discoveries** (history, chemical reactions, generators)<br>**Sounds Like Science** (vibrations, pitch, volume) | Electricity<br>Animals Including Humans<br>Earth and Space<br>Forces and Magnets<br>Forces and Magnets, Materials<br>Materials, Electricity, Light<br>Sound |

| All show and workshop prices plus VAT | Mad Science Whole School Assembly | Single Workshop or Class Party | Science Half Day (3 Sessions) | Assembly and 4 workshops | Assembly and 7 workshops |
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| During British Science Week | £375 | N/A | £699 | £899 | £1,199 |
| Discounted Price Outside of British Science Week | £300 | £250 | £599 | £749 | £1,099 |

*Additional workshops can be added to the Whole School Bundle for just £150

## AFTER SCHOOL PROGRAMMES

Following our FREE spectacular science show you will send home flyers with the children to offer an after school programme.

The club is usually paid for by parents, but if the school would like to subsidise the club, or pay for places outright, we can help set that up.

The minimum class size is 15, the maximum is 23, and every week children investigate a new topic.

## SHOWS, FUNSTATIONS, AND EVENTS

Why not invite Mad Science to help you celebrate the end of term, a summer fair or just as a fun treat! We can send a team of Mad Scientists to create a 'Pop-Up Science Museum' in the hall, to make candyfloss at the school fair, or to give the mums and dads a hair-raising experience at a family learning event!

All special events are customised to suit your needs. We will create a bespoke package just for you and the price will vary accordingly. No event is too big or too small - just ask and we'll do our best to help!

To book, please call our friendly team on 01772 628844, or email office@madsciencenw.com. You can also take a look at our website (northengland.madscience.org) if you'd like to find out a bit more before choosing the best way to get Mad Science into your classroom!

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