

## Science Museum Team Experiences

The Science Museum is home to a world famous scientific collection and is a renowned leader in the world of science communication. We combine our passion for science and skill for communication to hold interactive sessions where you can explore and enjoy the hands-on nature of science. These sessions will be truly beneficial to enhance team dynamics from teambuilding opportunities, confidence building, sharing knowledge and of course having fun.

### Hands-On

#### **Kitchen Science** 🖐️ ♦️

The Science Museum team have a passion both for science and communication. In this workshop these are mixed together to create a session that enables you to become the life and soul of a party. Wish you had *the* ultimate party trick? Look no further- let the Science Museum team demonstrate in an interactive workshop. You get to witness astonishing science and then do it for yourself. All the experiments you will encounter will use everyday materials; but you will learn how to be creative when it comes to using them. You will get to discover how water can defy gravity, understand how Heston Blumenthal makes ice cream with Liquid Nitrogen (and taste it for yourself), and even launch your childhood doll into outer-space using a fizzy drink and some mints. All this, plus many more amazing, spell binding and mind blowing experiments.

Your group will be divided into teams to learn and perfect a selection of experiments, with a full explanation of the scientific theory behind them. Kitchen Science will give your team a valuable boost, injecting a dose of fun to the mix for the perfect team building formula. The workshop will increase cohesion, confidence and enhance communication skills.

Duration: recommended time 1 hour  
Cost: £1500 plus vat  
Numbers: 30 max per group

## Museum Challenges

### **Seek and Snap Challenge** 🖐️

Split your group up into teams and then send them all into the museum with a camera and 20 challenges. Teamwork is the key as you go against the ticking clock to respond creatively to the photographic challenges. All pictures will then be uploaded and judged, with prizes for the winners.

Duration: 2 hours  
Cost: £1000 plus vat  
Numbers: 40

## Construction Activities

Nothing motivates team building more than some good-natured competition. To be the best that they can be, you need your teams to work well together, be creative and make decisions efficiently and effectively.

### **Water Transporter** 🖐️ ♦️

Allow your team to step into different roles and experience new ways of working collectively by joining forces to tackle the challenge of Water Transporter. This involves the team using all their creative and problem solving skills to transport a litre of water from a mountain spring to a remote community (a bottle to a bucket in a paddling pool via a Heath Robinson-esque contraption).

The Team will be supplied with a range of materials - plumbing tubes, hose pipes, string, funnels, gaffa tape and many more strange items – but how will the team use it all? What's the plan? Who's taking charge? Will you finish on time? Lots of questions, but only one hour to finish. Step up, take part and may the best team win. The workshop will increase creative thinking, decision making and enhance team dynamics.

Duration: 1 hour  
Cost: £1000 plus vat  
Numbers: 30

## Take a Seat

No time to rest with this team building session! The physical approach of our team challenge Take a Seat is designed to make people work together to design and build a chair. Sounds simple enough... but all you get is cardboard - no string, no glue and no tape. Can you make a chair that is strong enough to support the weight of your elected team 'guinea pig'? Will it look good enough to sell? Or will it look like a D.I.Y nightmare? The challenge is on! The workshop will push the team to problem solve quickly and efficiently while still being creative and decisive.

Duration: 1 hour  
Cost: £1000 plus vat  
Numbers: 30

## Demonstrations

The Science Museum is a leader in the world of science communication. Our expert staff use their skills to deliver interactive, informative and humorous science shows using impressive materials. Come along and watch the presenters show you jaw-dropping experiments, while entertaining you along the way. This will benefit teams looking to gain ideas in improving presentation and communication skills as well as enjoying an entertaining and humorous show.

## The Alcohol Show

What is the best cure for a hangover? What does Mead taste like? Who ordered 1,152,000 bottles of wine for their wedding? Explore the history of alcohol in this entertaining and interactive show. Learn more about what alcohol is how we produce it and understand the science behind it. There'll be plenty of opportunities for tasting samples along the way and soft drinks will be provided for non-drinkers, who won't fail to be equally entertained.

Cost: £1,200+VAT for 1-30 people  
£2,400+VAT for 31-60 people  
Duration: 1 hour  
Numbers: 90

## Strange Materials



Ever wondered about the world around you? We'll answer your questions with this explosive and fast-paced presentation about the weird world of materials, in which no jelly baby; doll or paint tin is safe. The Science Museum team demonstrate and investigate why the world is the way it is, using interactive experiments and scientific facts about a range of materials. Discover how to burn money (but still spend it), cut a liquid and create a cinematic explosion. While we are at it we will clear up those confusions about the difference between elements, molecules and compounds by asking questions such as "how can you make a jelly baby scream?" and "why does a baby's nappy hold so much liquid?" Understand the science and have fun with the experiments in this ingenious and weird show!

Cost: £1000 plus vat  
Duration: 45 minutes  
Numbers: Unlimited

## Liquid Nitrogen Show



Have you seen all those T.V. chefs throwing Liquid Nitrogen around? Come and watch a fantastic, fast paced show dedicated to Liquid Nitrogen a material that is visually and physically astounding! Watch as the Science Museum Team take you through a roller coaster of experiments as they take the temperature to soaring heights before dropping it down to chilly depths!

This live demonstration will have one of the Science Museums presenters wow you with experiments while they explain the secrets of the science behind them. Using Liquid Nitrogen, one of the coldest materials in the world, witness the incomprehensible effect it has on everyday objects in this interactive exploration of the laws of heat and temperature. This show delves into some of the weird and wonderful uses for Liquid Nitrogen and your team will be amazed at the live demonstrations. Witness plasticine being smashed into tiny splinters; a banana turned into a hammer; how exactly Liquid Nitrogen makes ice cream and many more.

Cost: £1000 plus vat  
Duration: 45 minutes  
Numbers: Unlimited

## Greatest Hits Show



Here at the Science Museum we pride ourselves on our experiments being big, loud and... well, just awesome! So we thought the best thing to do would be to get our most favourite and spectacular experiments and take you on a whirl-wind tour of them.

You can see a live rocket launch , find out how the magicians table cloth trick works, why when you mix cola and mints they have a crazy reaction and how you can use food to create a mighty explosion? We'll help you get reacquainted with science principles – as well as learn amazing new facts – in the most explosive way we know!

Cost: £850 plus vat  
Duration: 30 minutes  
Numbers: Unlimited

## Punk Science



Known for explosive, mind-blowing and unadulterated stand-up comedy shows about contemporary science, Punk Science shows uncover what the average person on the street wants to know about our world. From the big, burning questions like “How will the Universe end?” or “What is a black hole?” to “Which martial art is the best?” Punk Science aims to make topical science discourse accessible to the masses. Our Punk scientists combine live demonstrations, music and video clips to help the audience in their journey to enlightenment, with the odd vote thrown in to interact with the crowd and keep them involved in the debate.

Cost: £1,000 plus vat  
Duration: 45 minutes  
Numbers: Unlimited

## Team Day

### **Outreach Team Day**

Let two of the Science Museum presenters run a team building day in-house at your offices. This would involve an ice breaker, a one hour interactive workshop titled Water Transporter, a session exploring a host of dazzling interactive science experiments, and then end the day by sitting back and enjoying one of our interactive science shows. Water Transporter will motivate the team to use all their creative and problem solving skills to transport a litre of water from a mountain spring to a remote community (a bottle to a bucket in a paddling pool via a Heath Robinson-esque contraption). While during Kitchen Science the team will discover a bunch of astonishing experiments with lots of cool science and amazing party tricks, from making their own ice cream using Liquid Nitrogen, launching a mini rocket and defying gravity with water. And we leave it up to you to choose which science show you would like to end the day with – truly making this a bespoke team building day.

Team days are crucial for any team to build on its successes and improve its dynamics. The Science Museum team make the opportunity for this to happen with their Team Day offer. Your staff will build on their communication skills, cohesion, and confidence while having fun participating. We bring all our own equipment for the sessions- all we need is a nice big room to fit all our stuff and your staff.

**Cost:** £2000 + Vat + travel.  
**Duration:** 3 hours  
**Numbers:** 30

#### **Key**



Participants will be actively taking part.



Participants will be watching a show.



Sessions that can be included in the Outreach Team Day.