



The Museum of London is offering some brilliant activities for you to join in with, from the chance to learn some words in Mandarin Chinese to puppeteering and dragon-mask-making live from Taiwan!

You'll need to book FREE tickets for the following events in advance [here](#):

- ★ Time for a cuppa
- ★ Traditional Taiwanese puppets
- ★ Lunar New Year Family Workshop
- ★ The Lion Dance (film)
- ★ Tai Chi Workshop (film)
- ★ A Chinese New Year Adventure (film)





Join a fun festival for curious and enquiring minds!

Potential Plus UK is delighted to share with you the **vPlus Festival 2021** programme and registration details: <https://virtualplusfestival.org/>

This 12 day online festival runs from **15th to 26th February** and provides a **programme of live presentations and creative challenges**, some especially for children, some specifically for parents, and others for the whole family to enjoy.

All of these vPlus Festival events are free of charge.

The Winter Maths and Science Fest

Surrey Explorers is hosting a series of workshops to all keen and motivated 8 - 12 year olds. The intention is to spark new interests, meet people who have achieved some eminence or expertise and stimulate young minds. Come to any or all!

Join Zoom Meeting

<https://us02web.zoom.us/j/81666266511?pwd=aXBKbEdCaXJUZUp0bitMRVM5dWZzUT09>

Meeting ID: 816 6626 6511

Passcode: 379556

For more information and access to all future events, please send an email at:
explorers@surreyexplorers.org.uk

Saturday 13th February, 16:30 Harnessing the Power of Triangles with Simi Shah. Everyone knows what a triangle is but do you really understand the hidden power of triangles both in the world of number and geometry? This workshop will take a journey through history to explore the power of the triangle and the hidden secrets that lie within it.

Tuesday 16th February 10:00 A sports investigation - If Scales didn't Exist.

Jamie Gane will explore measurement in the world of sport. Starting with the relationship between weight, volume and surface area, we will investigate how to carry out measurements if there was no equipment available. For anyone with a love of sport, or just a passion for investigations and mathematics. Jamie is an international athlete as well as a secondary school maths teacher who competes internationally for Judo and is ranked second in the world for his category.

Tuesday 16th February 16:30 Bridge Demolition The Royal Engineers are the Army's specialist demolition experts and for 5 years, Andrew Arnold worked as a qualified Demolitions Safety Officer, overseeing the demolition of multiple large bridges on exercise in Canada and Germany. You will find out about how bridges are prepared for demolition, how demolition of bridges helps the Army win battles, and most importantly, how far away we have to stand so that the explosion doesn't hurt us!

Friday 19th February 10:00 Alice in Wonderland with Sandra Wharton

Many people who read Alice in Wonderland think it is a whimsical adventure in a world of fun little paradoxes. Other people consider it a creepy march through a world of characters who are trying to make life as frustrating as possible as manically as they can. Charles Dodgson, Lewis

Carroll's real name, was in fact a mathematics professor. The 19th century was a time of great change in mathematics; he was stubbornly a traditional mathematician and wrote many of the more bizarre scenes to poke fun at the new mathematics. First we will explore the traditional mathematics Carroll was used to. Then we will have a look at the NEW mathematics.

Saturday 20th February, 10:00 Magic Triangles and more! Jayasree Subramanian will lead students through a mathematical journey starting from a simple number puzzle and on to its multiple variants. In this journey, students will see what it is that mathematicians do to create mathematics - finding patterns, transformations, perhaps a theorem, reasoning and proving. Jayasree, a former head of department, is now pursuing a PhD in maths education.

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