



FUN, INTERACTIVE AND CREATIVE MATHS WORKSHOPS



Brainwave Education offers **fun and interactive maths workshops** for primary schools across the UK. Within our workshops we use carefully designed balls and rods, which allow children to create large 2D and 3D shapes from a basic cube to octahedrons and even an icosahedron (20 sided polyhedron). Using this equipment allows children to visualise and explore maths in away that are not normally possible. By using shapes we can explore their properties, area, volume, fractions, measurements (standard and non standard) and arithmetic.

The workshops engage children in maths within a fun and "safe" environment. A range of problem solving games is used where wrong answers are required to take the next step to the solution. Knowing that we will need to make mistakes to learn creates a "safe" environment for children to let their imagination take the lead and not be afraid of getting it wrong. Our Ethos is there are no wrong answers, only pathways of learning.

"Thank you so much for last Thursday. It was absolutely brilliant. Every teacher said how much their classes enjoyed the sessions. I would love to invite you back sometime soon. Please know that as far as we are concerned, the whole day was a great success!"

Usmaa Kaleem, Y6 teacher, Maths Lead

"Very engaging, thought provoking and interactive. The way the challenges were presented made you WANT to investigate the problem. I liked the involvement of everyone in all the challenges and the physical activates engaged the children."

Lucy Thompson, Teacher

Bring maths alive in your school

Fun, engaging and interactive maths workshops

Our fun workshops are delivered by the character Professor Brainwave who expertly balances the level of fun and learning throughout the workshops ensuring the children are engaged at all times. We have individual workshops to cover the ability of nursery, KS1 and KS2 students. Sessions are offered from one hour to a full day and workshops can be from 30 min to 2 hours. A clear pricing structure is in place with no hidden costs. A price match promise and a 100% money back guarantee is offered.

Key Stage 1

Pupils are faced with problems to solve that often cannot be solved without making mistakes and learning from them. They will use the hands on equipment to make 2D and 3D shapes from cubes to pyramids to solve problems and create structures that will help students in subsequent workshops. Through the journey of discovery they will cover:

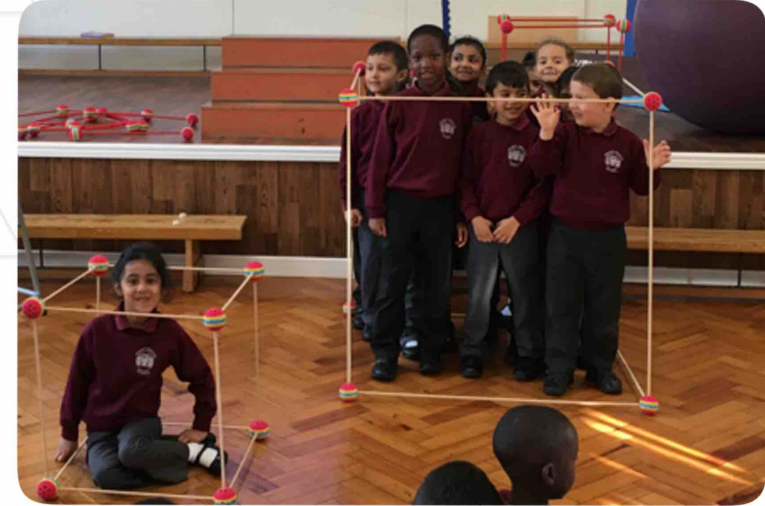
- 2D shapes and their properties
- Doubling, estimating and sorting
- Making 3D shapes from 2D shapes
- Looking at angles and basic fractions
- Problem solving and visualisation
- Mental arithmetic

Key Stage 2

Children are put into small teams to solve problems using 2D shapes that encourage freethinking, as there are no "wrong answers". Through collective learning and solving the problems we move onto creating a hidden 3D structure within a tetrahedron. Skills that the children will cover are:

- Fractions, multiplying, doubling and subtraction
- Number sequences
- Calculating and estimating area and volume
- Examining the properties of 3D shapes and how they interact
- Converting between units
- Teamwork and confidence building

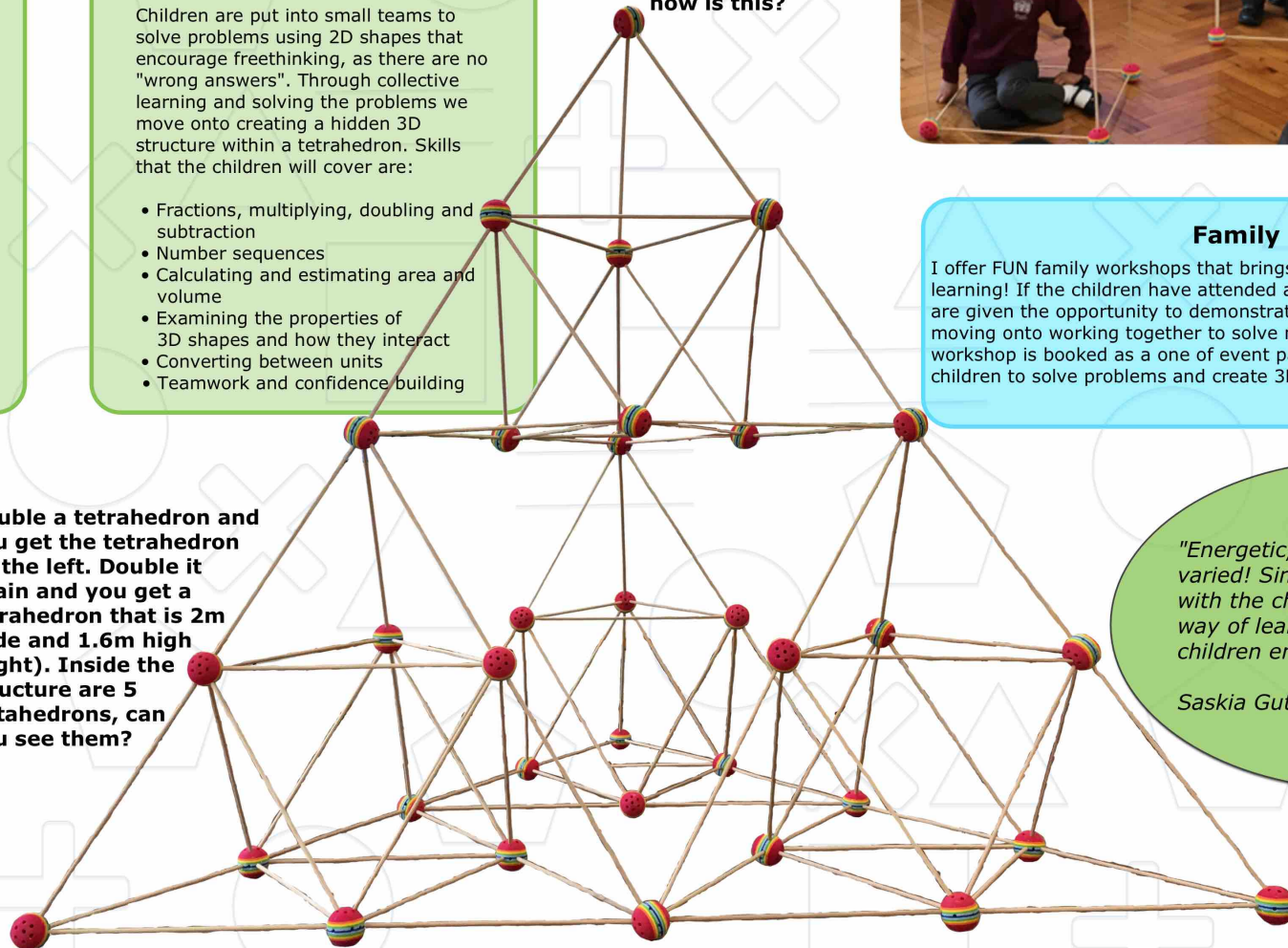
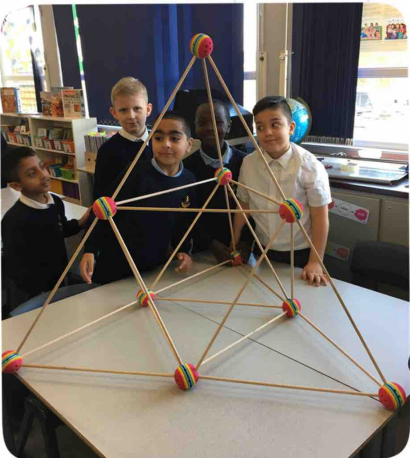
Children create a cube and then double its size, we then compare the volume by using pupils. The small cube has $\frac{1}{8}$ of the volume of the large cube yet we can fit more than 8 pupils in the large cube, how is this?



Family Fun

I offer FUN family workshops that brings everyone together in the joy of learning! If the children have attended a workshop during the day they are given the opportunity to demonstrate what they have learned before moving onto working together to solve new challenges. If a family workshop is booked as a one of event parents will work closely with their children to solve problems and create 3D structures.

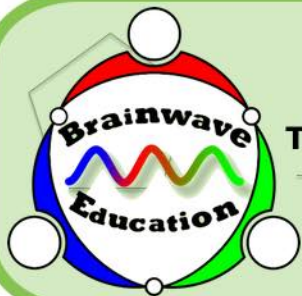
Double a tetrahedron and you get the tetrahedron on the left. Double it again and you get a tetrahedron that is 2m wide and 1.6m high (right). Inside the structure are 5 Octahedrons, can you see them?



"Energetic, funny, educational and varied! Simon had great interaction with the children and it was a fun way of learning/teaching. The children enjoyed it!"

Saskia Gutteridge, Year 1 Teacher

Affordable maths workshops



To find out more please call Simon on 01371 830 802 / 07918 615 319
or Email: simon@brainwaveeducation.co.uk
www.primaryschoolmaths.co.uk

Prices

Full day maths workshop £375 - for each additional day £275

Half day maths workshops £250

1 Hour maths show £175

Family show 1 hour £175 (£75 when booked at the end of a full day)

Travel

To keep the cost as low as possible I only charge travel when you are more than 100 miles away. Travel will be charged at 25p per mile from postcode CM6 2LX. Please note that there is no charge for the first 100 miles.

Guarantee

If you are not satisfied for any reason at the end of a day's workshop then there will be a full refund. No quibbles. I am very confident that I will never have to fulfil this guarantee, I hope that it gives you confidence in the quality as well as piece of mind.

Price match

Simply put if you receive a quote from another provider that is offering a similar service at a lower price I will match it. I never want the price to exclude a school from having a fantastic maths experience. All you need to do is supply the official quote from the other provider.

Example Timetable

09:00 to 09:40 Rec and Yr 1 Workshop

09:40 to 10:20 Yr 2 Workshop

10:25 to 11:10 Yr 3 Workshop

11:15 to 12:00 Yr 4 workshop

12:00 to 13:00 Lunch

13:00 to 13:55 Yr 5 Workshop

14:00 to 15:00 Yr 6 Workshop

