



fab 
science[®]

*"The best science workshop that
I've seen in my time in teaching".*

SUMMERCROFT PRIMARY, BISHOP'S STORTFORD

Inspiring Young Scientists

Theme Days & Curriculum Linked Class Workshops

07799 624777 | schools@fabscience.co.uk | fabscience.co.uk

Engaging children in science from an **early age.**



Theme Days

Inspire several classes or even the whole school with a theme day. The workshops are all hands on so are suitable for one class at a time. We can fit up to 5 sessions in a day, either all practical workshops or an assembly followed by 4 class groups. Please get in touch to discuss what we can do for your school.

SWEETIE SCIENCE

Developed as a special request for a class topic of Charlie and the Chocolate Factory, this is now one of our most popular workshops! Sweetie-based experiments that Mr Wonka would be proud of.



POTTY POTIONS

Wizarding scientists will wow children with potions and spells. This exciting introduction to chemistry includes colour changing potions, magically inflating balloons, toothpaste for giants and a truly magical dry ice demonstration. Make it a Wizarding Science Week by adding a day of broomstick launching and levitation with a magical version of Fantastic Forces. You could even include Care of Magical Creatures by arranging a visit from an owl sanctuary!



FANTASTIC FORCES

Lots of cool tricks with air pressure, gravity and inertia. See an egg disappear into a bottle and a tin be crushed by the air around it. Learn about flight and get the chance to launch rockets powered by air.



FAB FORENSICS

Create a crime scene in your school hall! Your young forensic scientists will need to investigate fingerprints, DNA, fibres, footprints and more to match the suspects to the clues. Suitable for Key Stage 2 only.



CONSTRUCTION CHALLENGE

Use teamwork and engineering skills to build a giant tetrahedron. The modular system allows every child to have their own part in making this 4 metre high structure. It's so big, we can fit the whole class inside it for a photo (carefully!).



"As a teacher, it was inspiring to see how science could be delivered to our own classes in such an engaging manner."

VICTORIA MCNAMARA, SCIENCE COORDINATOR



Our workshops are carefully designed by a **qualified science teacher** to boost science learning through **practical, hands on experimenting** and **inspirational demonstrations.**



Curriculum Linked Class Workshops

Bring the curriculum to life with a workshop based on your current topic. These sessions are designed to enhance and support classroom teaching and each one comes with a Fab Science classroom pack, full of resources and ideas for further work. Each can be run as a half day or full day, or share the cost between two classes and do half a day each.

Lower Key Stage 2:

GEOLOGY ROCKS

Use a range of tests to classify rock samples, make fossils and learn about the rock cycle using chocolate! This session can also include an environmental aspect with an investigation of acid rain.



AMAZING AIR

Children know that solids are solid and liquids flow but what do gases do? Find out how amazing air really is by using it to make things fly, float and sing. Pupils learn about the Bernoulli effect and air pressure through demonstrations and hands-on activities. A super cool dry ice demonstration is an optional add-on that really brings gases to life.



BRILLIANT BODIES 1

A (very gooey) interactive demonstration of the journey of your lunch through the digestive system. Children get a chance to investigate enzymes and learn about how food is broken down. We look at food to start a discussion on balanced diet which can be extended in class.



ELECTRICKERY 1

Cover all the statutory requirements of Year 4 electricity by experimenting with components and constructing circuits. Children join hands to become a human circuit and use their new electrical knowledge to build burglar alarms and games. Finish off by making sparks fly with the Van de Graaff generator!



Upper Key Stage 2:

BRILLIANT BODIES 2

Start off with a gooey interactive 'surgery' demonstration to find out about major organs of the human body. We'll dissect real hearts, with a chance for children to see and touch the valves and blood vessels. Investigate lung capacity and heart rate and design a longer-term experiment to continue in class.



MARVELLOUS MATERIALS

This is where chemistry starts to get real! Use pipettes and test tubes to learn about chemical changes with a variety of weird and wonderful concoctions. We also look at the amazing worlds of polymers and smart materials.



ELECTRICKERY 2

An extended version of Electrickerery 1, with more emphasis on investigating the effects of changes to circuits and using circuit diagrams. Build a quiz machine and try out the Van de Graaff generator.



ALL ABOUT ME!

Linking to evolution and inheritance, All About Me investigates what makes us unique. DNA, fingerprints, our genes, the features that we can see and those that we can't.



"Don't think twice! They will provide a fun filled and educational science experience the children will not forget!"

KINGSMOOR ACADEMY, HARLOW

Every session is complimented by a **classroom pack**, offering teachers resources & ideas for follow-up work to **maximise learning**.

fabscience.co.uk

But don't just take
our word for it...



*"The children voted Fab Science
as their top activity in our STEM week!"*

REEDINGS JUNIOR SCHOOL

"The children were utterly captivated by the ladies in costume and their magic skills and were thrilled to be able to achieve the same results. From a teaching perspective, it was a pleasure start to finish - educational, engaging and best of all, no preparation of resources and very minimal clearing up."

ST JOSEPH'S CATHOLIC PRIMARY SCHOOL, WALTHAM CROSS



*"Fun and hands-on experiments like these can
really inspire children to be excited about science."*

FARNHAM PRIMARY SCHOOL

"I can't recommend Fab Science highly enough. We work with them every year because they use science creatively to inspire and motivate curiosity and understanding in ways we would never think of."

SELE SUMMER SCHOOL, HERTFORD

*"My children still talk about their Fab Science workshop
over a year after they went to one. They are unforgettable."*

JULIA BATESON, PARENT

"The booking process was quick and simple, the presenters were enthusiastic, knowledgeable and passionate and children and staff were completely thrilled with the day - thank you, and we look forward to booking you again!"

DEBDEN PRIMARY SCHOOL



"This was definitely the highlight of our Science Week!"

BROXBOURNE CoFE PRIMARY SCHOOL

Visit our website to **book our latest workshops!**
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