

Primary Workshops

Enjoy science, stimulate curiosity and have fun

These are our workshops and the curriculum areas they support – they don't all cover everything!
They are designed, mainly for specific age groups, to develop scientific skills.

We can be flexible.
Please ask for details.

*These workshops need extra help from adults or older pupils. Please discuss this with the Workshop Leader.

Air*

How things move through the air and how their movement can be altered. These are a set of contrasting investigations making gyrocopters, hoopsters and kites.

Space: hall

Time: 1½ hours

Age group: P5-P7

Boats

How things float (and sink) using different materials and making different boat shapes.

This is a sequence of short investigations making boats and rafts.

Space: classroom with access to a tap

Time: 1½ hours

Age group: P4-P7

Buggies

How the energy from the release of air in a balloon powers a small car (buggy). As the pupils make buggies, they investigate the variables affecting how they work. The class keeps the buggies.

Space: hall or very large classroom

Time: 1½ hours

Age group: P4-P7

Candles

The origins and properties of waxes, changes of state and non-reversible changes. This is a lively interactive discussion, easily differentiated to focus on specific topics.

Space: classroom or hall with electrical point

Time: 1¼ hours

Age group: P1-P7

Carousel*

Materials and forces. This is a set of five investigations based around the theme of a circus.

Space: hall or classroom

Time: 1¼ hours

Age group: P1-P3

Citrus

How much Vitamin C (relatively) is found in different citrus fruits. This is an investigation by pupils, discussing fair testing and accurate results.

Space: classroom with at least one sink.

Time: 1½ hours.

Age group: P5-P7

Electricity*

How a simple circuit is affected by a sequence of small changes. This is a number of small investigations some of which use solar cells.

Space: hall

Time: 1¼ hours

Age group: P4-P7

Fizz!

The pupils use litmus to identify acids and then design a fair test to investigate the effect of temperature on an acid/carbonate reaction.

Space: classroom with at least one sink.

Time: 1½ hours.

Age group: P5-P7

Light

This is a set of five short investigations comprising reflection, casting shadows, how shadows change during the day, light being an energy source.

Space: classroom

Time: 1¼ hours.

Age group: P4-P7

Paper-making

Pupils think about recycling in general and then use old sugar paper to produce small pieces of new paper, and examine different combinations of new fibres.

Space: classroom with sink

Time: 1½ hours

Age group: P5-P7

Rollers

How the energy from the release of an elastic band powers a small toy (bandroller). This is an investigation, as the pupils make bandrollers, of the variables affecting how they work. The class keeps the bandrollers.

Space: hall or classroom

Time: 1¼ hours.

Age group: P4-P7

Separating

Pupils work through a sequence of activities to separate a dry mixture, look at dissolving gases, and observe an exciting nucleation.

Space: classroom

Time: 1¼ hours.

Age group: P5-P7

Space*

Simple investigations into phases of the moon, the solar system, stars, the night sky, and shadows.

Space: hall

Time: 1½ hours

Age group: P5-P7

Story *

Simple, accessible science investigations, linked to a story book. Parents and carers can be invited to take part.

Space: classroom

Time: 1 hour

Age group: N/R/P1 and P5-P7

Studying Substances

Pupils try ten different experiments to test their ability to follow instructions, observe carefully and record accurately.

Space: hall

Time: 1½ hours

Age group: P5-P7

Wind

Pupils design a model wind turbine and investigate variables to improve its efficiency.

Space: hall or large classroom

Time: 1½ hours

Age group: P5-P7

We have over twenty years' experience of supporting and inspiring practical and investigative science in thousands of schools.
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Ask us what we can do.

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