

**KSI** The prices below are workshop prices for classes of up to 32 pupils. Please add £3.50 per pupil admission to these prices.

**Operation Earth (S) - 40 mins - £40 per session - R, Y1 and Y2**

Earthy is feeling poorly. Become a trainee environmental scientist and investigate Earthy's problems. *This show is supported by NERC and ASDC*

**Fabulous Fabrics (W) - 90 mins - £60 per session - Y1 and Y2**

Children will learn about the difference between natural and synthetic dyes and the difference between dye and paint. Each child will tie dye a piece of material to take away with them. They will also learn the basic technique for screen printing using a simple template. They will screen print the design onto material using one colour of ink. The screen printed material can be taken away to use for display purposes back at school.

**Soap Suds (W) - 45 mins - £40 per session - Y1 and Y2**

Pupils will learn about the process of making soap, a product which was manufactured here at Catalyst when it was a soap factory. They will look at the history of soap and how soap is made. They then make their own bar of perfumed and coloured soap which they can take home to use! *This workshop is supported by Stephenson Group*

**Explore Your Universe (S & W) - 1 hour - £50 per session - Y1 and Y2**

This encompasses a show and a hands-on workshop. The 30 minute show takes pupils on a 'tour' of our part of the Universe. This show uses exciting equipment such as an IR camera, a Van de Graaff generator and a plasma ball to get pupils thinking about space and how different and exciting it can be. In the 30 minute hands-on session pupils will create a little rocket to test and a constellation telescope. *This workshop is supported by STFC and ASDC*

**Tasty Toothpaste - 1 hour - £50 per session - Y1 and Y2**

This 45 minute interactive show includes many different demonstrations and cover concepts such as; white light is a mixture of colours / the primary colours of light (demonstrations using prisms and 'laser specs'), light travels in straight lines, the formation of shadows, different sources of natural and man-made light (including demonstrations using UV light, fluorescent lamp, fibre optics and glow-in-the-dark objects).

**Light Fantastic Show - 45 minutes - £40 per session - Y2**

This 45 minute interactive show includes many different demonstrations and cover concepts such as; white light is a mixture of colours / the primary colours of light (demonstrations using prisms and 'laser specs'), light travels in straight lines, the formation of shadows, different sources of natural and man-made light (including demonstrations using UV light, fluorescent lamp, fibre optics and glow-in-the-dark objects).