



Module Information Sheet

A Brief Description

Step into the world of science with a visit to a circus. Construct simple circuits using coloured bulbs, batteries and switches to activate robot clowns. Level two introduces resistors.

Tips on using “Electricity”

1. Use drag and drop to create a simple circuit on the board.
2. Varying the number of batteries, the thickness of the wire, or the inclusion of resistors will affect the brightness of the bulbs.
3. On screen hints help to guide the user to successfully lighting the correct bulbs.

Curriculum Information

The National Curriculum in England for Science (KS1 & KS2)

Sc1: 1b, 2a, 2b, 2c, 2d, 2e.

Sc4: 1a, 1b, 1c.

The Scotland 5-14 Guidelines for Environmental Studies

Science – Knowledge & Understanding – Energy & Forces: Level C.

The Scotland 5-14 Guidelines for ICT

Controlling and Modelling: Level C, D.

The Northern Ireland Curriculum for Science and Technology

Physical Processes –

Electricity: b, d.

The National Curriculum in Wales for Science

Sc4: 1.1, 1.2, 1.3, 1.5.