

KEY STAGE: 1

AT/SC: 4

TITLE: Can I make the bulb light or the buzzer work?

Programme of Study:

- 4.1b to construct simple circuits involving batteries, wires, bulbs and buzzers.
- 4.1c that electrical devices will not work if there is a break in the circuit

Points to consider:

Check that you have batteries that work.
Wires with crocodile clips attached are easiest for children to use.

Possible AT1 teaching focus:	Comments:
<ul style="list-style-type: none">• <u>Planning</u> Asking questions Predicting Fair Testing• Choosing equipment• <u>Obtaining Evidence</u> Using tables• Using equipment Observing and sorting Repeating readings• <u>Considering evidence</u> Using graphs Drawing conclusions Interpreting Using science• <u>Evaluating</u> Sufficient evidence? Consider anomalies Consider improvements	<p>Children enjoy the opportunity to explore how to make circuits themselves. This is a good activity to incorporate with a design and technology project.</p>