

Name.....

Science Assessment
Electricity

1. Complete these sentences to make them correct. Use the words from the box.

Battery	wires	bulb
electrical devices	electricity	switch

An electrical circuit needs a _____ to provide the power.

The _____ carry the electrical power around the circuit.

_____ travels around a complete circuit.

If the circuit is not connected properly, the _____ will not light up.

A _____ can be used to turn the electricity off in a circuit.

A toasters and kettles are examples of _____ .

Draw a complete circuit (one that would work) here. Label it

2. Draw an incomplete circuit here.

Explain why it wouldn't work.

3. What is an electrical conductor?

4. List 3 materials that are conductors

5. What is an electrical insulator?

6. List 3 materials that are insulators.

7. Why do you think we use batteries to power our circuits in school?

8. John builds a complete circuit but the bulb does not light up. List 3 things that could be wrong.

9. Frankie builds a circuit but she wants her bulb to be brighter. What could she do?

10. How can electricity be dangerous in your home?

11. Name 2 electrical devices that use mains power.

12. Name 2 electrical devices that use battery power.

Design a simple poster to warn young children about the dangers of electricity in the home