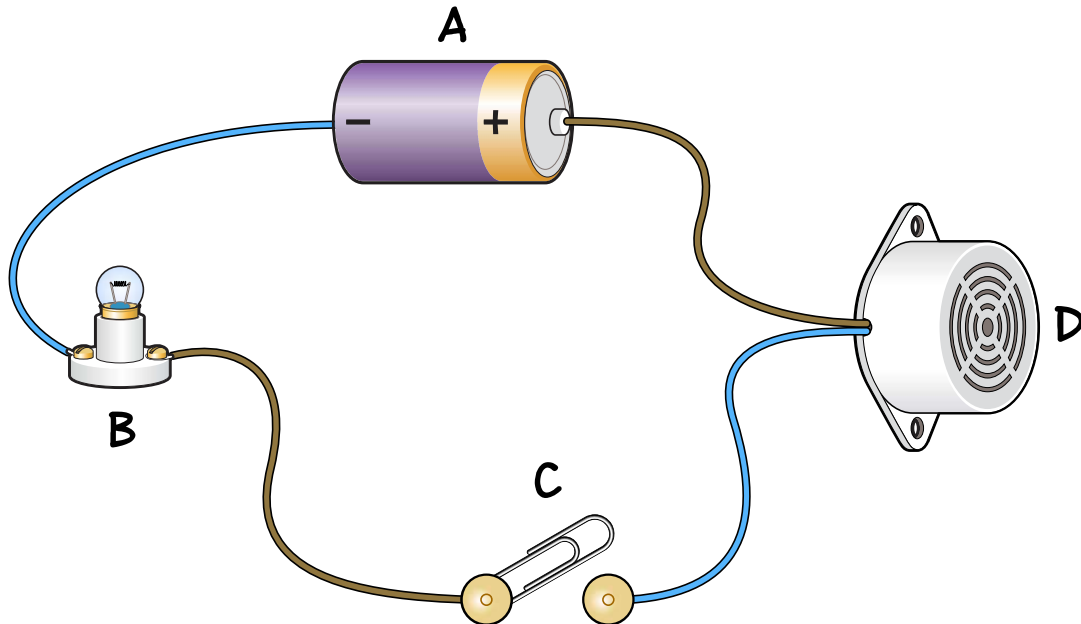


## Section 5: Electricity

### 14 What's in a circuit?



Complete the following:

**buzzer**

**bulb**

**switch**

**battery**

- a Using the words in the box above, identify the parts of the circuit. One has been done for you.

A ..... battery

B ..... bulb

C ..... switch

D ..... buzzer

(2 marks for all 3 correct, 1 mark for 2 correct.)

- b In the circuit above, the bulb is not lit. Explain why.

The switch is open.

2

2 marks

1

1 mark

## Section 5: Electricity

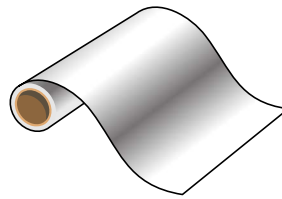
### 15 Insulator or conductor?



drinks can



polystyrene cup



aluminium foil



wooden spoon



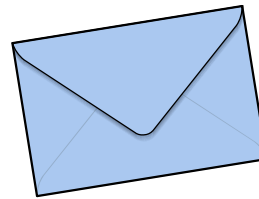
fork



plastic bracelet



£1 coin



paper envelope

Complete the following:

- a What is the scientific word given to objects that allow electricity to pass through them?

.....conductor.....

1

1 mark

- b Identify the **four** items pictured above that are insulators. One has been done for you.

.....polystyrene cup.....

.....wooden spoon.....

.....plastic bracelet.....

.....paper envelope.....

(2 marks for all 3 correct, 1 mark for 2 correct.)

2

2 marks

- c Electrical wire is covered with plastic. How does this help keep us safe?

Answer should suggest safety / plastic is an insulator /  
electricity can't pass through it.

1

1 mark

Page Total 4

Test Total 46 /46