

#### Aim

• I can explain the importance of the major discoveries in electricity.

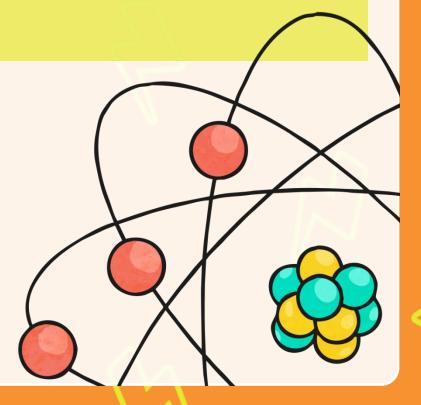
#### Success Criteria

- I can identify how our understanding of electricity has changed over time.
- I can explain how major discoveries affected our understanding and use of electricity.



Are you an electricity expert?

Let's check!



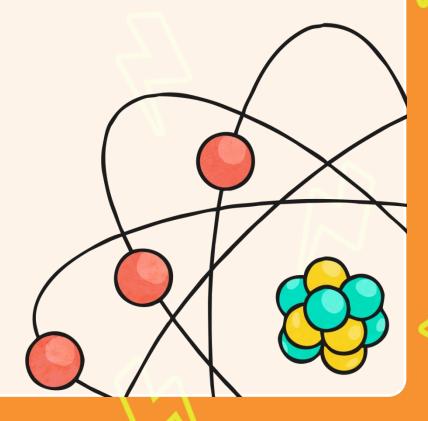


1. What two types of electricity are there?

a) natural and static electricity

b) natural and man-made electricity

c) man-made and animals producing electric shocks



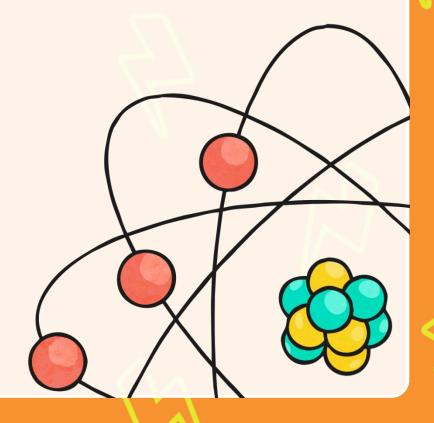


2. Which of the following is not naturally occurring electricity?

a) static electricity

b) electric shock from an electric eel

c) electricity produced by solar panels



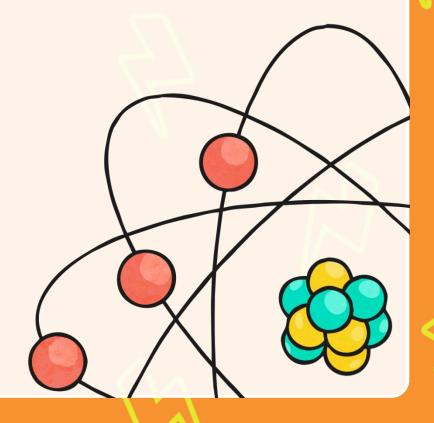


#### 3. Name two man-made types of electricity?

a) solar panels and lightning

**b)** static electricity and wind turbines

c) power stations and solar panels



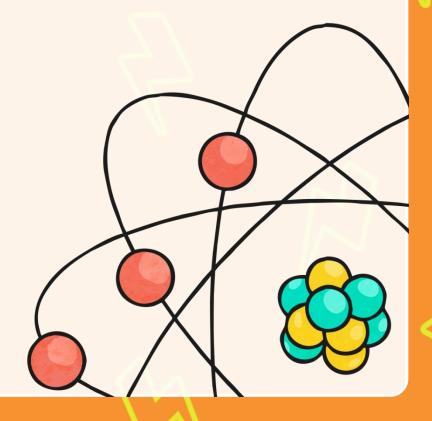


4. Materials that do not conduct electricity are called...

a) insulators

**b)** conductors

c) electrical appliances



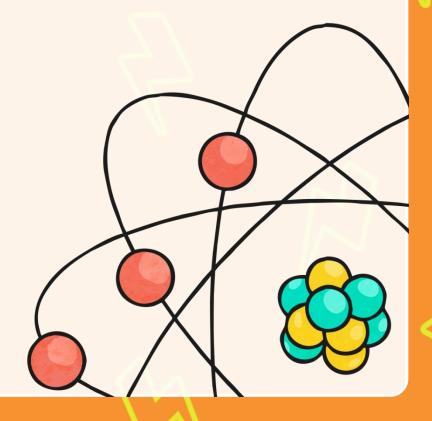


5. Which of the following does not conduct electricity?

a) wood

**b)** copper

c) water



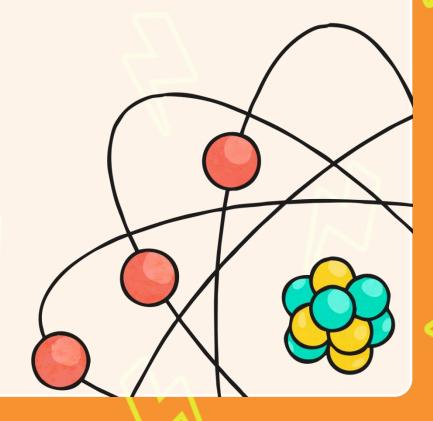


6. Which of the following does conduct electricity?

a) iron

b) wood

c) cotton



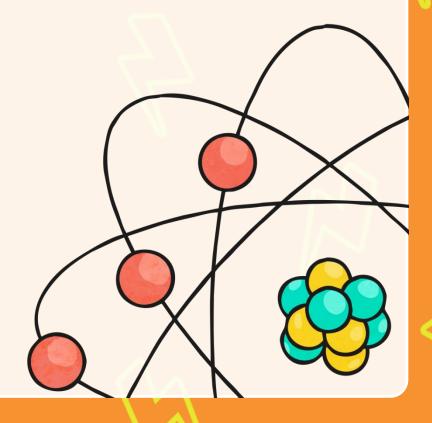


7. What do we call a circuit that does not work?

a) complete circuit

**b)** incomplete circuit

c) broken circuit



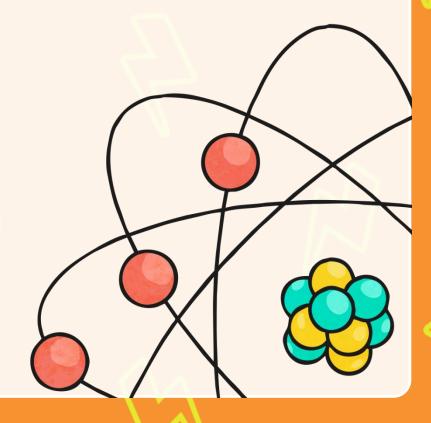


8. How can we create a break in the circuit without creating an incomplete circuit?

**a)** disconnect the wires from the source of electricity

**b)** remove the bulb/motor/buzzer from the circuit

c) add a switch to the circuit



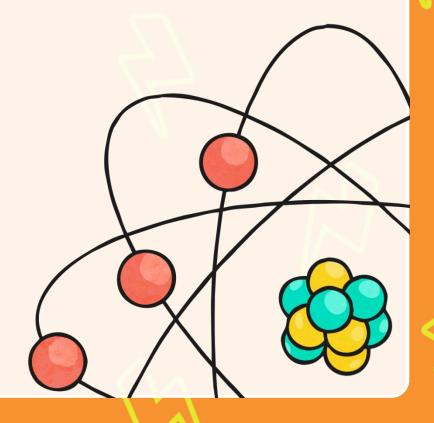


9. Which of the following is not a type of switch?

a) pinch switch

**b)** toggle switch

c) paddle switch



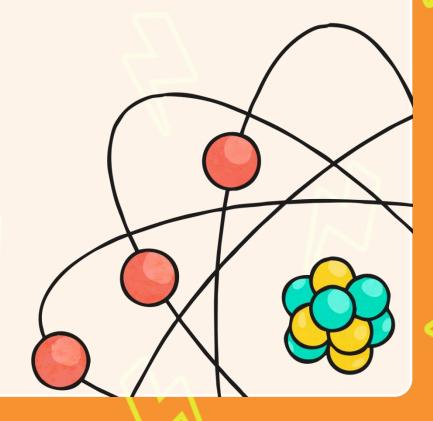


10. What are the two types of electrical sources we use?

a) power station and batteries

b) mains and gas power station

c) mains and batteries

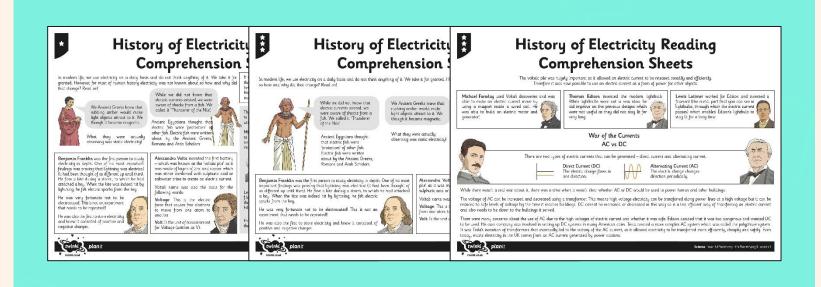


#### History of Electricity



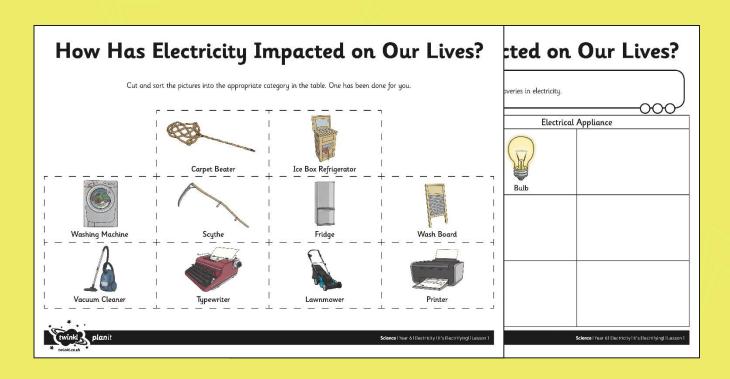
How have we come to learn about electricity and how to use it?

Read and answer questions about the fascinating scientists and their amazing discoveries.



# How Has Electricity Impacted on Our Lives?





#### Aim



• I can explain the importance of the major discoveries in electricity.

#### Success Criteria

- I can identify how our understanding of electricity has changed over time.
- I can explain how major discoveries affected our understanding and use of electricity.