

Year 6 Science Knowledge Organiser - Electricity

Key Information

Adding more batteries to a complete circuit will make a bulb brighter, a motor spin faster or a buzzer make a louder sound.

Batteries with a higher voltage will make a bulb brighter, a motor spin faster or a buzzer make a louder sound.

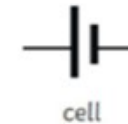
Turning a switch off breaks a circuit so the circuit is not complete and electricity cannot flow.

More voltage is used up if you add bulbs, buzzers and motors.

The 'bigger' battery is not necessarily the most 'powerful' - It is all about the voltage.

Vocabulary

circuit	a path that an electrical current can flow around.
battery/cell	a device that stores energy
bulb/lamp	a device that produces light from electricity
buzzer	a device that produces sound from electricity
motor	a device that produces movement from electricity
switch	a device that controls the flow of electricity in a circuit



cell



buzzer



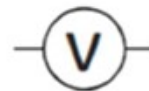
closed switch



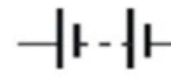
bulb



ammeter



voltmeter



battery



motor



open switch

