

Burwell Village College Primary

Year 6 Science - Electricity

A series circuit is a circuit that has only one route for the current take. If more balls will be brighter or the bazers will be loader. What is the series circuit is not show the flow of a leaver of this series circuit is not the diameter of the series trace the series that has a lettered arrant can flow around a single will le loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is do gut think might make balls brighter or the bazer will be loader. What is the destination of a second to any inventor in his three or a the bazer will be loader. What is the destination of a second to any inventor in the time of the gut the theorem that represents something dea a water that represents something dea gut think might make balls brighter or the bazer will be accord. There is a break in the care that the device arrant can flow around a circuit flow flow of destrons which travels around a circuit flow flow of destrons which travels around a circuit flow of alls a arreat the flow of destrons which travels around a c		Series circuit	Brighter bulbs		Dim	mer bulbs	nel	Thomas Ec	lison	
key vocabulary A complete circuit is when electricity can flow around symbol a visual picture that represents something else A complete circuit. There is a break in the circuit that prevents the electricity from flow- ing. cell a device that stores energy as a chemical unit until it is needed (a cell is a single unit) A complete circuit. There are no breaks in the circuit symbols battery a collection of cells Circuit symbols current the flow of electrons which travels around a circuit (currents are measured in amps) Image: the unit used to measure electric currents woltage Voltage is the force that makes the electric current move through the wires. Image: closed switch open switch	route for the or buzzers a shared and s er. If just	e current to take. If more bulbs ire added, the power has to be so they will be dimmeror quiet- one part of this series circuit rcuit is broken and the flow of	higher voltage will create more power to flow through the circuit. Addi- tionally, shortening the wires means the electrons have less resistance to flow through so the bulbs will be brighter or the buzzer will be louder.	What	ti a circuit. By add to a circuit mean more components - stretched, Lengther electrons have ti travel through more resistance, The bulbs will be dimmer or the buzzer will be	ding more bulbs or s the power us shar leading to the powe	buzzers red by er being ns that	as an American ventor and reneur who in- many devices have impacted s today. Edison bed one of the practical light out contrary to belief, did not inv received 1093 pate	nts, which was the	
2 circuit a path that an electrical current can flow around symbol a visual picture that represents something else cell a device that stores energy as a chemical unit until it is needed (a cell is a single unit) battery a collection of cells current the flow of electrons which travels around a circuit (currents are measured in amps) amps the unit used to measure electric currents voltage Voltage is the force that makes the electric current move through the wires.	1-	Key vocabulary			Complete circuit			Incomplete circuit		
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I he greater the voltage, the more current will flow.	voltage	5 5 5			battery	closed switch	open switch	cell	voltmeter	
	resistance	the difficulty that the electric current has when flowing around a circuit.			M					
electrons very small particles that travel around an electrical circuit buzzer lamp lamp motor wire		very small particles that travel around an electrical circuit			buzzer	lamp	lamp	motor	wire.	