



Electrical Systems - Interactive Cards

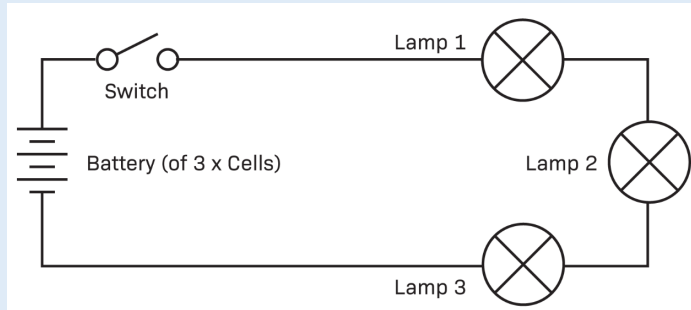
Interactive Cards

An *interactive card* is a greeting card that includes features like lights, sounds or moving parts that engages the recipient.



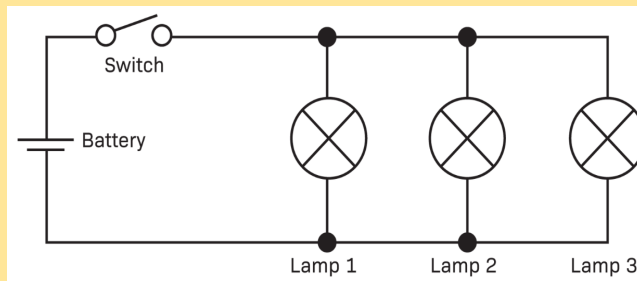
Series Circuit

A **series circuit** is a circuit where all components are connected in a single path. Electricity flows through each component one by one.



Parallel Circuit

A **parallel circuit** is a circuit where components are connected on multiple paths. Electricity can flow through more than one route at the same time.



Key Vocabulary

electric circuit	a path that allows electricity to flow.
series circuit	a circuit with only one path for electricity to pass through
parallel circuit	a circuit with more than one path for electricity to pass through.
current	the flow of electrical charge
voltage	the force that pushes electricity through a circuit
battery (cell)	provides power/electricity to the circuit or other object
buzzer	produces an audio signal in the form of a noise when a voltage is applied to it
switch	a device for making and breaking the connection in an electric circuit
component	an individual part of a circuit (e.g., lamp, buzzer, switch)