

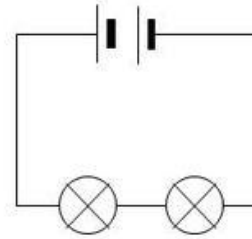
Steady Hand Game

Key Concepts:

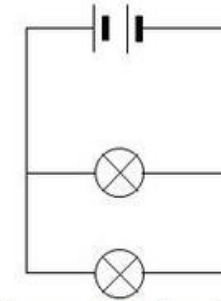
Design
Make
Evaluate

Key Vocabulary

Innovative	Unique, original
Insulator	A material which does not readily conduct electricity
Series Circuit	A way of connecting components in a circuit. A series circuit has all the components in one loop connected by wires, so there is only one route for current to flow.
Parallel circuit	A parallel circuit is an electrical path
Component	
Form	
Function	
Modify	



A series circuit



A parallel circuit

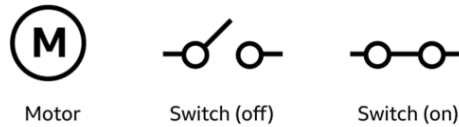


Battery cell

Wire

Bulb

Buzzer



Motor

Switch (off)

Switch (on)

Electrical circuits

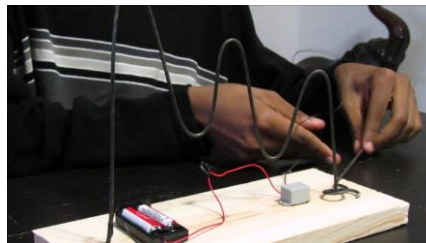
They allow a product to have light, sound or movement. However, for these components to work, they need to be in an electric circuit.

An electrical circuit is a loop through which an electric current can flow.

It consist of:

- A power source - such as a battery or generator
- Wires - which allow electric current to flow through them
- Components - devices such as switches, bulbs or motors.

Read more:
Research more:



Key Vocabulary	