

D&T - Exploring electrical products



Kapow™

Electrical products use **electricity** to work.



The **output** is what the product does when switched on. It could be heat, light, movement or sound.

An electrical **circuit** is a complete loop of components connected with wires.

battery in a holder: a portable power source

wire: connects the parts of a circuit

switch: can open or close to break or complete the circuit loop

bulb in a holder: gives off light

Electrical products often have **housing** that holds and protects the electrical components. It can be made in different shapes.



A **target audience** is the group of people a product is designed for.

Research means to find out information. This can be done with questions in a **survey**.

Toggle switch: a type of switch that stays on or off when pressed or moved.



Push switch: press it to turn something on or off. It only works while pressed.

