

Year 4: Electrical Systems  
How useful are switches?



**Core content:**

Learn how different types of switches work within electrical circuits.

Learn how switches can be used to perform a function in a product.

**Technical vocabulary:**

**Switch** – a device for making or breaking the connection in an electrical circuit.



**Circuit** – a complete path of wires and equipment along which an electric current flows.



**Component** – one of the parts of an electrical circuit such as a bulb or battery.



**Current** – the movement of water, air or electricity in a particular direction.



**Interruption** – an occasion when someone or something stops something from happening for a short period.



**Unbroken** – continuous with no pauses.



**Conductor** – a material that allows electrical energy to pass through it.



**Multi-purpose** – having many different uses.



**Connections:**

Samuel Bagno (1906 – 1967)  
American inventor



# Year 4

## Summer 2

### Electrical Systems:

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