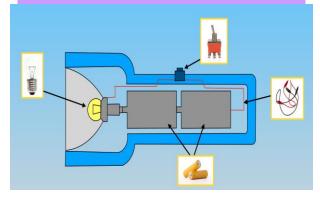
DT: Torches

	Key Vocabulary
Circuit	Path through which electricity passes
Conductor	A material which allows electrical current to pass through it.
Insulator	A material which does not easily allow electric current to pass through it.
Prototype	A model made to test whether a design will work.
Push to break switch	A switch turned off by pressing it
Push to make switch	A switch turned on by pressing it
Reed Switch	A switch operated by a magnet.
System	A set of related parts or components that together achieve a desired outcome.
Output device	components that produce an outcome e.g. bulbs and buzzers.
Input device	components that are used to control annelectrical circuit e.g. switches.



General Knowledge

The battery and the bulb are both essential components in a circuit for a torch. Without the battery, there would be no power, and without the bulb, there would be no light. For a bulb to shine, the energy from the battery has to be able to flow around the circuit in a continuous, unbroken loop, so the switch needs to be closed. This is called a complete circuit



St. Mary's Church of England Primary School and Nursery



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Which do you think was invented first - the battery or the bulb?

