

# Year 4: Electrical systems– Torches

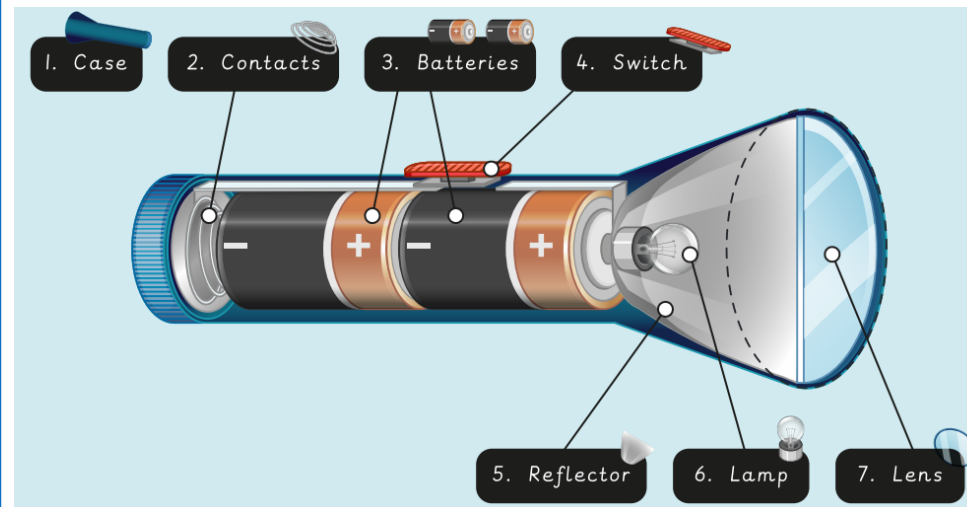
## Examples of torches:



## Many products use batteries.



## Features of a torch.



## KEY VOCABULARY



**BATTERY:** Two or more cells put together to provide electrical energy to power a circuit.



**BULB:** A circuit part, made from glass or plastic, which gives out light when electricity passes through it.



**CONDUCTOR:** A material that allows electricity to flow through it.



**SERIES CIRCUIT:** A closed circuit where the current follows one path.



**SWITCH:** A circuit part that you can open or close to allow electricity to flow through or to stop it flowing through.



**TORCH:** A battery powered electric lamp.



**WIRE:** A thin piece of copper thread which conducts electricity to connect circuit components together.