

Inside one simple system: a closer look

technology

What you need: adult-prepared opened simple battery torch or labelled internal photo sheet (internals visible: switch, battery bay, contacts, bulb) · component cards (switch, battery, contacts or wires, bulb or LED, casing) · simple torch outline sheet (support) · spare AA or AAA batteries for torches

Words to use

Component · Input · Process · Output

Our question

What is each part of the torch doing?

Labels to use

switch · battery · contacts or wires · bulb or LED

Draw the torch you examined. Label at least three components, and mark input / process / output on those parts.



The job of one component, in your own words

What would fail if one named part was missing?

