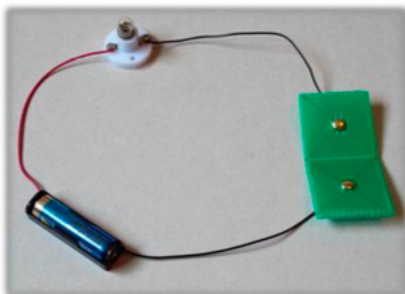


Key vocabulary

circuit	A path through which electricity passes
conductor	A material which allows electric 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
toggle switch	A switch operated when a lever is pressed
system	A set of related parts or components that achieve an outcome
output devices	Components that produce an outcome e.g. bulbs or buzzers
input devices	Components that are used to control an electrical circuit e.g. switches

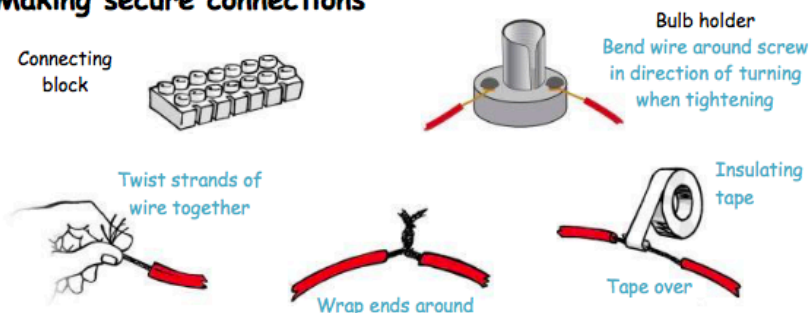
A simple electrical circuit with a handmade switch



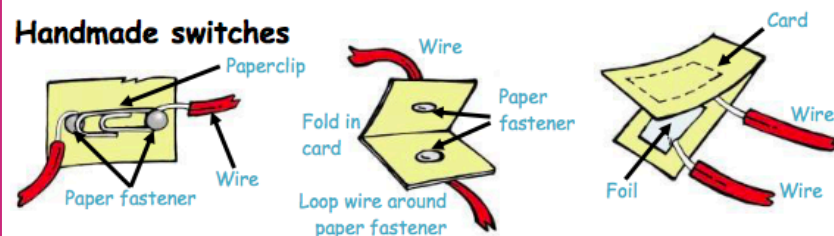
An example of a final product. A working torch has been made. The circuit has safely been stored inside the product outer

Examples of switches

Making secure connections



Handmade switches



Commercial switches

