

Key vocabulary

electrical system	a set of components that make an electrical circuit within a product
power supply	a device providing power to an electrical device e.g. mains, battery
electrical insulator	a material that electricity cannot flow passing
electrical conductor	a material that electricity can flow passing

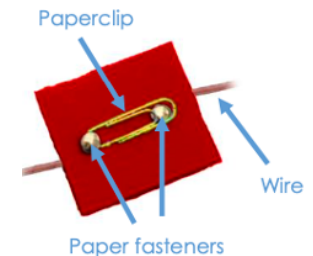
Key knowledge

A steady hand tester works by completing an electrical circuit to set off a buzzer or light a bulb.

There are different switches available that act in different ways, including toggle switch, push-to-break switch and push-to make switch.

You can make a simple switch using a paper clip and paper fasteners.

Insulating wire should be used to make sure joins in wires are safe.



We are building on our knowledge from making Push Cars in Year 2

This will help us learn in Year 6 when we make torches and gadgets