

Design Technology Cycle A Y3 and 4

Electrical Systems - Simple circuits and switches

Lesson 1

How can I use research to understand the design and key components of a simple circuit with a switch?

purpose

Lesson 2

How can I investigate and understand different types of switches?
toggle switch

Lesson 3

How can I use classroom materials to make a simple series circuit?

wire

Lesson 4

How can I design a torch using a simple circuit and recycled materials?

design criteria

Lesson 5

How can I apply my skills to create a working torch with a simple switch?

function

Lesson 6

Assessment

How well does my torch meet the design and how effective is it for the user?

evaluation

What will we be learning about over the coming weeks?