

DT Year 3 Summer 1

Key Skills:

Explain that their design meets the specific points asked of them.

Put together a plan of action with annotations of equipment and tools.

Create a 'realistic' plan.

Question the tools and equipment being used.

Select the most appropriate tool for the job in hand.

Create a simple circuit.

Make a product with both electrical and mechanical components.

Use a number of components.

Select the appropriate materials for the task.

Make cuts and holes when necessary.

Sequence of Learning

What will you make? Why will you make it?
How will you make it?

What materials and components will you need and why?

To make a simple circuit.

To select and make a mechanical component.

To create my product with a mechanical and electrical component.

Key Vocabulary

Component

Electrical

Mechanical

Circuit

Motion

Test

Design

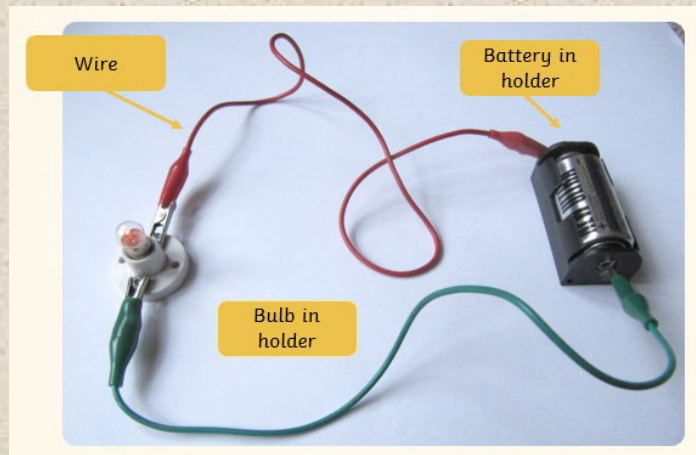
Mechanism

Loose

Fixed

Pivot

A simple circuit



Lever - The simplest type of mechanism is called a **lever**. A lever is a stiff bar which moves around a pivot. The pivot can be **loose** or **fixed**. Levers are used in many products.

Perfect Pershore

Final Outcome linked to National Curriculum

We will produce a light box with a moving part to advertise our school.

