

What I already know and can do:

In Science I have:

- Carried out simple investigations
- Prepared a simple investigation which is fair, with one changing factor
- Made predictions about the outcome of investigations
- Used simple scientific equipment
- I have learnt that light travels in a straight line from its source
- Used evidence to draw conclusions
- Gathered information from simple texts
- Found out the importance of collecting scientific evidence

In Design Technology I have:

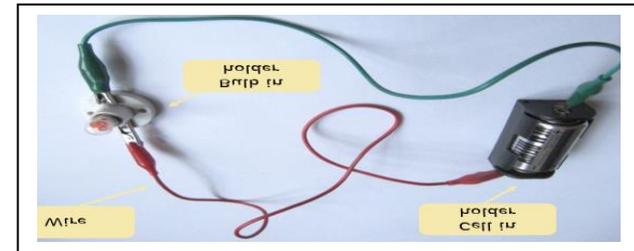
- Selected from and used a wider range of tools and equipment for cutting, shaping, joining and finishing.

Key Vocabulary I will learn:

Insulation	Insulators slow or stop sound travelling through them.
Vibrate	To move very quickly backwards and forwards.
Vibration	A movement to and fro.
Pitch	How high or low a sound is..
Insulator	An object or material that electricity cannot pass through easily.
Conductor	An object or material that electricity can pass through easily.
Battery	A battery pushes electric current round the circuit.
Circuit	A pathway around which electricity can flow
Component	Part of an electrical circuit
Bulb	A component that lights up when electricity flows through it.
Buzzer	A component that makes a buzzing sound when electricity passes through it.

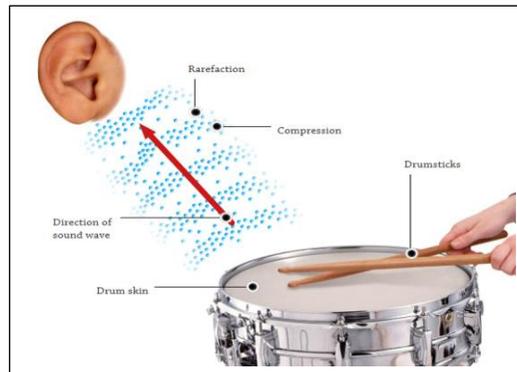
My new learning is:

- To explore how sounds are formed and travel, and how we hear them.
- To investigate how sounds can be changed by altering variables.
- How sounds can be organised and used expressively.
- How can we perform simple pieces rhythmically using a limited range of notes?
- To construct a simple series electrical circuit, identifying and naming its basic parts.
- To be able to recognise some common conductors and insulators.
- To design a product to meet a specific need using simple tools with increasing accuracy.



A diagram to show how sound travels

Components used in a simple circuit



A labelled diagram of the parts of the ear

