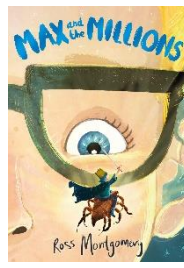




FAIRFIELD
SPENCER ACADEMY

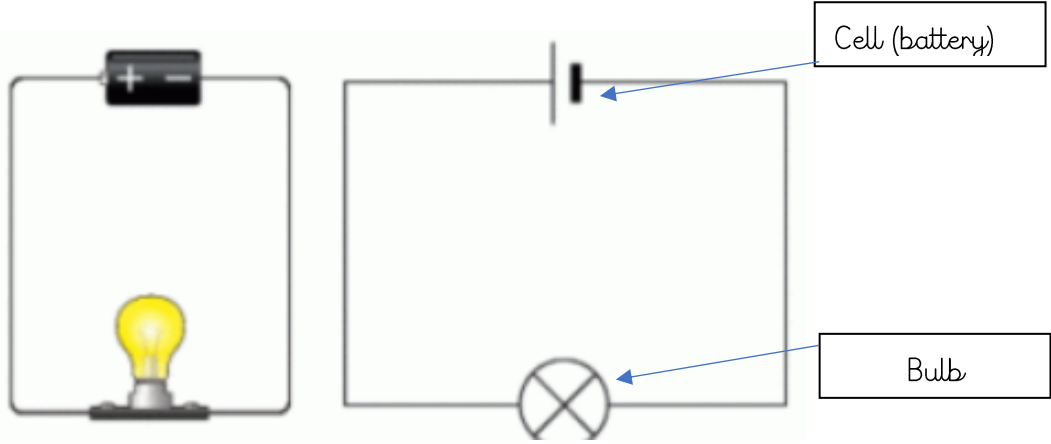
Year Group 4
Half term Spring 2
'Tiny Town'



Global Awareness and
Sustainability,
The World Around Me.



Science



A simple circuit can be made up of two wires, a battery and a bulb.

Vocabulary

Cell	An electrical cell is a device that is used to generate electricity.	
Conductor	Electrical conductors allow electric current to flow easily because of the make up of their atoms.	
Insulator	A material that does not let heat or electricity travel through it easily so is very good at keeping things warm or preventing electric shocks.	
Current	Current is the flow of electric charge.	
Illuminate	To light up.	

Art and Design

- To create repeated patterns on our mini world through printing.

- **Block printing** is the process of printing patterns by means of engraved wooden blocks. It is the earliest and simplest technique of textile printing.
- We are inspired by the greats such as Paul Klee and Franz Marc
- Franz Marc was a German painter and printmaker. He was born in Munich on 8th February 1880 and died on 4th March 1916 in Braquis, France.



Design and Technology

- We will Understand and use electrical systems in our mini world. We will create a powered city that includes switches, lightbulbs, motors and buzzers.
- Circuit - a complete route that an electric current can flow around.
- Buzzer = an electrical device that is used to make a buzzing sound for example, to attract someone's attention.
- Motor - a machine, especially one powered by electricity or internal combustion, that supplies motive power for a vehicle or for another device with moving parts.
- Switch = a device for making and breaking the connection in an electric circuit.

Computing

- Data logging is the process of collecting information and storing it in a specific manner.
- We will log the data from our science experiments and show the information in an easy to read infographic.

Learning Destination: Illuminated miniature world

