

# ELECTRICITY



## Physics

**Written (W)** report, experiment, letter etc.    **Discussion (D)** Summary of learning.    **Practical (P)** with photo and summary.

<u>National curriculum objective</u>	<u>Date completed</u>	<u>Activities</u>
Identify common appliances that run on electricity.		
Construct a simple series electrical circuit. Identifying and naming its basic parts including cells, wires, bulbs, switches and buzzers.		
Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery		
Recognise that a switch opens and closes a circuit and associate this with whether or not a lamplights in a simple series circuit		
Recognise some common conductors and insulators, and associate metals with being good conductors.		

### Key Vocabulary (topic words must be spelt correctly throughout topic)

circuit	cell	switch	wire
electricity	insulator	conductor	buzzer
series	bulbs	electrical	hazard
battery	loop		

### Glossary of key terms you want to remember

Conductor	
Insulator	

### Questions that you need to be able to answer by the end of the topic

What are the most common household objects that use electricity?

What do I need to make a simple circuit?

Can I label the components (parts) in a circuit?

What is the job of a battery in a circuit?

Do I know what happens to a bulb when a switch opens and closes?

Can I identify common conductors and insulators?

Which metals are good at conducting electricity?