

PEMBRIDGE CE PRIMARY SCHOOL LEARNING JOURNEY KEY

Pembridge is a school where we encourage everyone to be inspired through faith in God and to live by Christian values so that our teaching and learning is of the highest quality, our whole community flourishes and we reflect all that is worthy of praise.

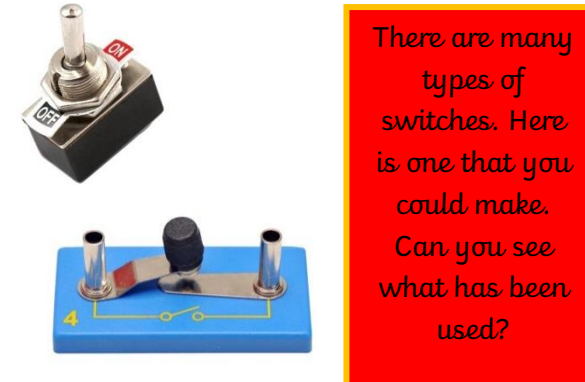
SUBJECT: Science

YEAR: A

TERM: Autumn 2

YEAR GROUPS: 3/4

KEY QUESTION: What happens when I switch on a light?

Question	Vocabulary to use	Information which will help me	Can I...?
Why is electricity important to us?	battery	Lots of things use electricity. Here are a few but you could probably  In the picture above, you can see a very simple circuit with a battery, bulb and a switch. There are many types of switches. Here is one that you could make. Can you see what has been used? 	- say why electricity is important to us and give examples - understand that a complete circuit is need for electrity to travel, recognise circuits that will and will not, work; make a simple circuit; and add components such as a buzzer or switch - carry out a fair test that leads me to recognise conductors of electricity - use my learning to help me to design a switch - recognise and explain what conductors are and why they are useful?
How can a simple circuit be made and can we add components to it?	bulb		
Can we test what materials conduct electricity?	buzzer		
Can we use our knowledge to make a switch?	circuit		
If we know what conductors of electricity are, then can we find out what insulators are?	closed circuit		
	component		
	complete circuit		
	connect		
	connection		
	conductivity		
	conductor		
	electric		
	electricity		
	insulator		
	open circuit		
	switch		