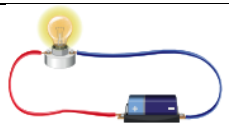
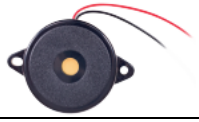
HOLY FAMILY CATHOLIC PRIMARY SCHOOL

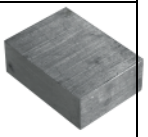
Year 4

Electricity

science

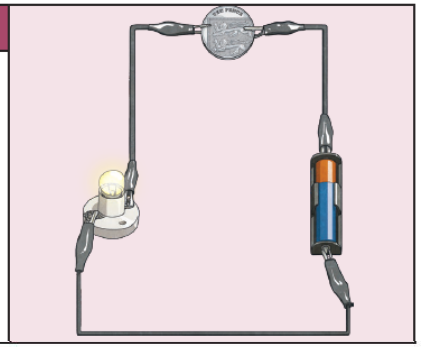
What are we learning?				
To identify common appliances that use electricity	To build and draw series circuits	To make systematic observations to identify problems within a circuit.	To identify materials that are conductors and insulators	To understand and identify the impact of conductivity within a circuit

Key vocabulary		
appliances	electrical devices used for a particular purpose, e.g. fridge, oven	
plug	a device put into a socket to connect to an electrical circuit	
socket	the part of the electrical circuit where the plug fits to make a connection	
cell	a portable store of energy	
circuit	a closed path that energy can flow through	
switch	a device that opens and closes an electrical circuit	
battery	two or more cells joined together to store more energy	
buzzer	a device that makes a sound	

Key vocabulary		
conductor	a material that allows energy to flow through it	
insulator	a material that does not allow energy to flow through it	
metal	a material which can be hard, shiny and a conductor of electricity	

Electrical Conductors

Electrical **conductors** are **materials** that allow electricity to pass through them.



Electrical Insulators

Electrical **insulators** are **materials** that do not allow electricity to pass through them.