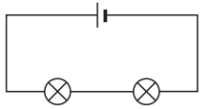
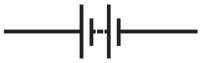
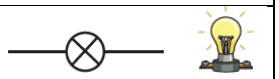
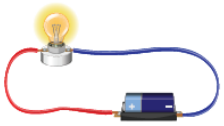
Year 6

Electricity

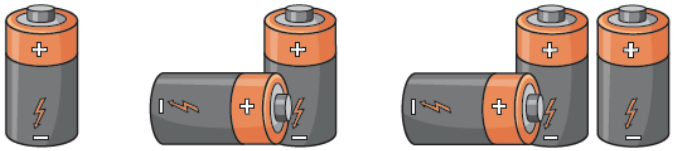
HOLY FAMILY CATHOLIC PRIMARY SCHOOL

What are we learning?			
To construct and draw series circuits using symbols	To identify complete and incomplete circuits, giving reasons for this.	To explore variations within circuits	To plan and evaluate a voltage investigation.

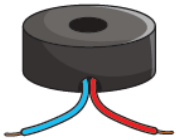
science

Key vocabulary		
series circuit	a circuit where all the components are connected in one single loop.	
cell	a portable store of energy	
battery	two or more cells joined together to store more energy	
bulb	a component that produces light	
current	the flow of electricity in a circuit	
voltage	causes the current to flow	
switch	a component that allows a current in a circuit to be turned on and off	
buzzer	a component that makes a buzzing or beeping sound	

independent variable (what will change) – the voltage, or the number of cells



dependent variable (what will be measured) – the loudness of the buzzers



controlled variables (what is kept the same) – the type of cells used and the number of components in the circuit