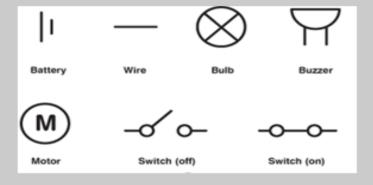


Vocabulary and definitions			
circuit	The path or line through which an electrical current flows		
cell	Power source of a circuit (usually a battery)		
switch	A small gap in the conductor where you can close or open the circuit		
conductor	Allows electricity to flow through it. Metals conduct electricity.		
insulator	Something that does not conduct electricity. Plastic and wood do not conduct electricity.		
voltage	Makes electric charges move		
electron	A negatively charged particle		
electrical current	The flow of charged particles		
Component	A part or element of an electrical circuit		

l	Components		IROSI
	Battery (cell)	Creates a flow of electrons around the circuit to allow other of function	components to
l	lightbulb	Contains filaments that release light when electricity passes t	through it
	buzzer	Creates a sound when electricity passes through it	
l	motor	Converts electricity into movement	
	wire	Has a metal core and plastic coating. The metal core conducts	s electricity.

Contributions to our knowledge of electricity				
Benjamin Franklin	Michael Faraday			
-Observed that lightning had a natural electrical current -Invented the lightning rod - Developed terms such as conductor and battery	-Discovered that we can use magnets to make electricity -Invented the Faraday generator, that is used in gas stations, power stations and wind turbines -Invented the Faraday cage			

## Circuit diagram symbols



## Circuit diagram example

