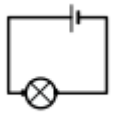
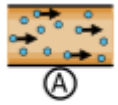
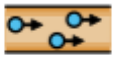
The Marist Primary School	Knowledge Organiser

Year 6 Spring 1: Electricity

Lesson 1 How can we be safe around electricity?	Lesson 2 Can I use recognised symbols when representing a simple circuit in a diagram?	Lesson 3 Can I explain what the effect of more components in a circuit is?	Lesson 4 Can I use my knowledge of circuits to design?

 battery	A container consisting of one or more cells where chemical energy is converted into electricity and used as a source of power.	 circuit	A complete and closed path around which a circulating electric current can flow.	 current	A flow of electricity which results from the ordered directional movement of electrically charged particles
 bulb	A glass bulb which provides light by passing an electrical current through a filament.	 wire	A long thin piece of metal that carries electric current	 electricity	A form of energy resulting from the existence of charged particles
 buzzer	An electrical device that makes a buzzing noise and is used for signalling.	 insulator	Objects that do not allow electricity to flow through them easily like rubber or paper.	filament	A conducting wire or thread with a high melting point that forms part of an electric bulb
 cell	A device containing electrodes that is used for generating current	 conductor	A material or device which allows heat or electricity to carry through	 motor	A machine powered by electricity that supplies motive power for a vehicle or other moveable device
 switch	A device for making and breaking the connection in an electric circuit	 voltage	An electrical force that makes electricity move through a wire