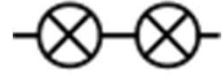


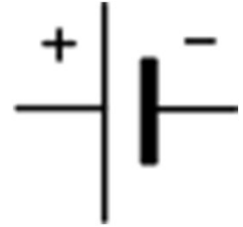
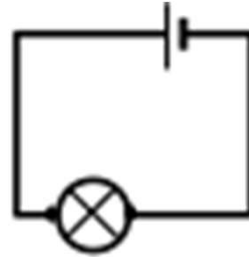


## Science Year 4 Term 5 Electricity



### What should I already know?

- Electricity is an energy or power.
- Electricity can be dangerous.



### What am I going to learn? (Sticky knowledge)

- To be able to show a circuit using conventional circuit symbols
- To understand common appliances run on electricity.
- To be able to construct a simple series electrical circuit,
- To know the basic parts of a simple circuit including cells, wires, bulbs, switches and buzzers.
- To understand whether or not, a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.
- To know that a switch opens and closes a circuit.
- To understand the association between a switch and whether or not a lamp lights in a simple series circuit.
- To know some common conductors.
- To know some common insulators.
- To know that metals are good conductors.

### Vocabulary

 appliance	 series	 circuit	 electrical
 components	 cells	 open	 closed
 conductors	 insulators	 metals	 circuit symbols
 wires	 bulbs	 switches	 buzzers