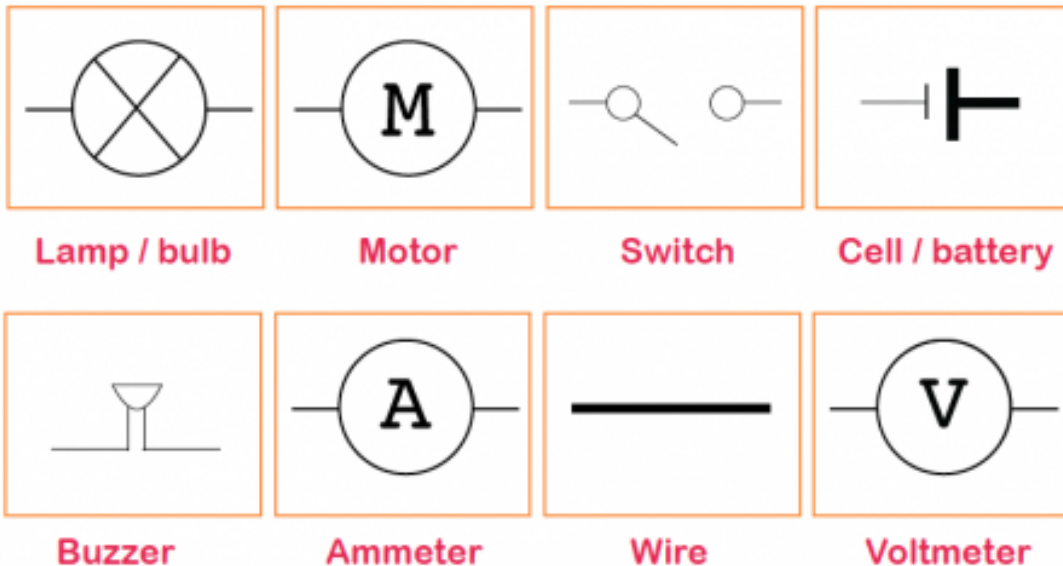


Year Four Science knowledge organiser– Can I construct a simple electrical circuit?

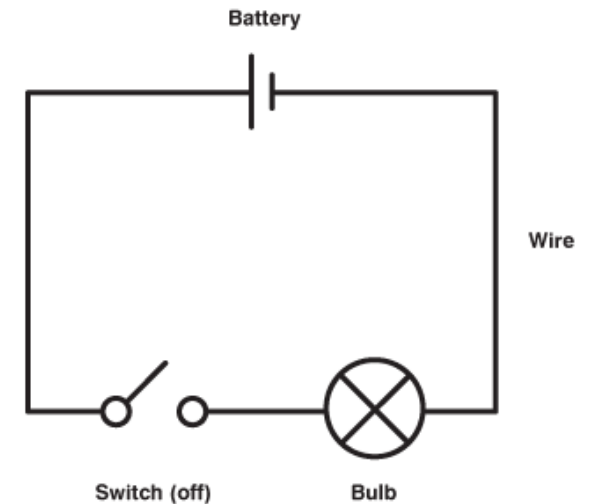
Key vocabulary

| | |
|------------------|--|
| Circuit | A path that an electrical current can flow through. |
| Voltage | The force that makes the electrical current move through the wires. |
| Buzzer | An electrical device that signals by buzzing. |
| Motor | A machine that causes motion or power. |
| Amps | How an electrical current is measured |
| Cell/ battery | A device that stores energy as a chemical until it is needed. A cell is a single unit. A battery is a collection of cells. |

Learn these common electrical symbols:



An electrical circuit drawn with symbols:



An electrical circuit in real life:

