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| **Key Vocabulary**  | **Definition**  |
| Electricity | Electricity is a form of energy. We can control it and use it.  |
| Electrical current | The flow of electricity. |
| Electric shock | An electric shock occurs when electricity flows through a part of our body, it can be very dangerous. An electric shock from mains electricity can kills us.  |
| Circuit | A path which electricity flows around. |
| Battery | A store of energy. |
| Light bulb | A component that converts electrical energy to light energy.  |
| Switch | A component that can make or break an electrical circuit. |
| Wire | A thin piece of metal covered in plastic that conducts electricity.  |
| Conductor | Materials that allow electricity to pass through them are called conductors.  |
| Insulator | Materials that do not allow electricity to pass through are called insulators.  |

**Knowledge Organiser- Science Year 6- Electricity**

A series circuit has one path for electricity to flow.

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| **AA Battery** | **Car Battery** |
| **1.5 V (Volts)** | **12 V (Volts** |
| **C:\Users\e.lennard\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\F4434805.tmp** | **C:\Users\e.lennard\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\A27DBD5B.tmp** |

**Electrical Symbols**

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| **Battery** | **Bulb** | **Wire** | **Switch** |
| Image result for electrical symbols ks2 | Image result for electrical symbols ks2 |  | Image result for electrical symbols ks2 |