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| **Key Facts** |
| **Electrical energy** can be turned into different types of energy such as light, heat, sound or movement. |
| Electricity is dangerous so we need to careful using **appliances**. |
| Mains electricity is made by the burning of fossil fuels (coal, oil and gas), wind and solar (the sun). |
| Electricity can only flow when the circuit is complete and there is a battery. |
| Lightening and static electricity are natural forms of electricity.  |

**Year 4 – Spring 2 – Electricity**





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| **Key Vocabulary** |
| **Electricity** | A form of energy that makes things work. | **Circuit** | The route that electricity flows around. |
| **Appliances** | A piece of equipment designed to perform a particular purpose. | **Component** | Part of the route that electricity flows around. |
| **Mains** | Electricity supplied to a building through wires. | **Electrical conductor** | A material that allows electricity to flow through it. |
| **Battery** | Electricity stored as a chemical. | **Electrical insulator** | A material that does not allow electricity to flow through it. |