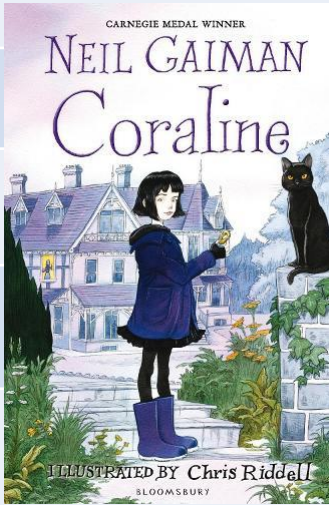
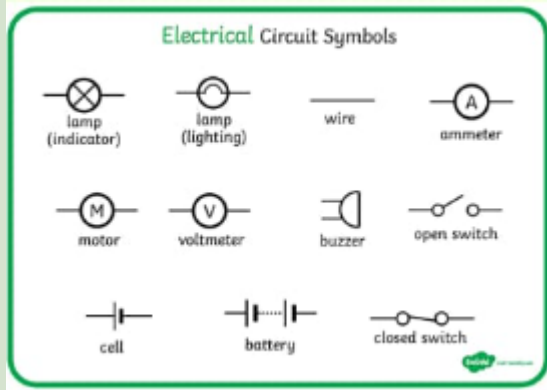


## Year 6 - Summer Term: Other Worlds

| English and Drama- Driver  | Maths  | Music  |
|--|--|--|
| I can plan, structure and write an original story.   | Use a range of problem solving skills to solve real life problems.                   | Learn songs for our performance.   |
| I can use and apply appropriate noun phrases   | To read and interpret a range of different charts and graphs.                        | PSHE   |
| I can understand and create contrasting atmospheres  | Identify, label, measure and draw circles.   | Relationships and Health Education   |
| I can identify the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own | To revise arithmetic skills.   | Transition – from Year 6 to Year 7   |
| I can correctly use and punctuate direct speech.   |  | Computing  |
| I can use a wide range of devices to build cohesion within and across paragraphs   |  | Using variables within algorithms.   |
| I can edit and improve my writing, checking for sense, spellings and punctuation mistakes.   |  | Spanish  |
| I can assessing the effectiveness of my own and others' writing  |  | Colours and animals  |
| Geography  | P.E.   | Art  |
| Use our orientation skills in the real world.  | To participate in a range of athletic events.  | Comic Book Artwork in the style of Chris Riddell (Coraline illustrator)            |
| Use coordinates within map reading   | To learn and understand how to improve at running, throwing and jumping.             | I can evaluate and review examples of Art and use this knowledge to design my own. |

# Year 6: Electricity Knowledge Mat

| Subject Specific Vocabulary |   | Electrical Symbols   | Sticky Knowledge: Electricity  |
|-----------------------------|---|--|--|
| Conductor                   | Some materials let electricity pass through them easily. These materials are known as electrical conductors.  |   | Electricity travels at the speed of light. That's more than 186,000 miles per second!  |
| Insulator                   | Plastic, wood, glass and rubber are good electrical insulators.   |  | Electricity comes from the power station, the wind, the sun, water and even an animal's poo!   |
| Series circuits             | A series circuit is one that has more than one resistor, but only one path through which the electricity (electrons) flows.                           |  | Electricity is a type of energy that build up in one place (static), or flow from one place to another (current electricity).  |
| Cells                       | An electrical cell is a device that is used to generate electricity, or one that is used to make chemical reactions possible by applying electricity. | <p>Our Big Question is:<br/>How does voltage affect the brightness of lamps in a series circuit.</p> <p>Scientific skill taught during our unit:<br/>Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate</p> | Coal is the biggest source of energy for producing electricity. Coal is burned in furnaces that boils water and creates steam.   |
| Volts                       | Voltage is an electrical potential difference, the difference in electric potential between two places.   |  | <p>A popular way of generating electricity is through hydropower. This is a process where electricity is made by water which spins turbines attached to generators.</p> <p>A bolt of lightning can measure up to 3,000,000 volts, and it lasts less than one second!</p> |