

## Year 4

### Bright Sparks

#### The Big Idea

Electricity is an energy that flows along wires in our homes, schools, offices, towns and cities to power lights, televisions, computers, cars and trains, and hundreds of other things that we use every day. Let's find out what we can do with electricity.

In Science, we'll be finding out:

- How to make an electrical circuit
- Which materials allow electricity to pass through them
- What happens when we change a circuit
- How to build bigger circuits
- About magnetism and electricity
- About using electricity as heat
- How to keep safe around electricity

In Technology, we'll be finding out:

- How to make a house with lighting and a door buzzer

In History, we'll be finding out:

- About the history of the electric light bulb

In International, we'll be finding out:

- How we produce electricity in our country
- Why saving electricity is good for the planet