

# Year 4 Potions

## Statutory and Non Statutory National Curriculum Objectives

### Maths

- Measurement: Length and perimeter

Perimeter on a grid, Perimeter of a rectangle and Perimeter of rectilinear shapes.

- Number: Multiplication and division

Multiply by 10, Multiply by 100, Divide by 10, Divide by 100, Multiply by 1 and 0, Divide by 1 and itself, Multiply and divide by 3, the 3 times table, Multiply and divide by 6, 6 times-table and division facts, Multiply and divide by 9, 9 times-table and division facts, Multiply and divide by 7, 7 times-table and division facts

### English

- Focus on poetry—Macbeth and certain types of poems.
- We will be reading Alice in Wonderland for our class reading as well as carrying on with our Abominable guided reading book.
- In English our main book will be “Leon and the place between.” We will also be learning new skills such as onomatopoeia and alliteration.

### Science

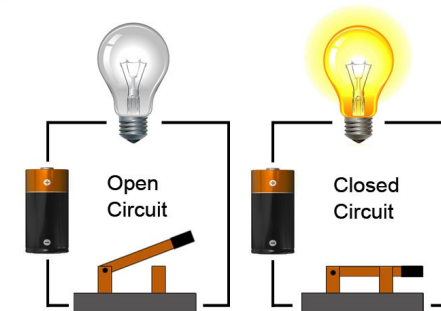
- Starting to learn about classifying our states of matter. We have started to learn about evaporation and condensation but now we will focus on the particles and how states of matter changes.
- We will also be investigating circuits and create our own circuit with

### PSHE

- In PSHE, we will be celebrating, : Anti-bullying week and remembrance day.

### RE

- This half term we will be starting Christianity and why this time of year is special to Christians. We will be starting the Christmas story towards the holidays.



## Vocabulary

1	Bulb	a device used to convert electricity into light, consisting of a source of illumination.
2	Battery	a container consisting of one or more cells, in which chemical energy is converted into electricity and used as a source of power.
3	Circuit	A closed path through which an electric current flows or may flow.
4	Electrons	a stable subatomic particle with a charge of negative electricity, found in all atoms and acting as the primary carrier of electricity in solids.
5	Particles	one of the extremely small constituents of matter, as an atom, proton, quark, or gluon.
6	Matter	In physics, a state of matter is one of the distinct forms in which matter can exist. Four states of matter are observable in everyday life: <b>solid, liq-</b>
7	Cell	is a single power generating unit which stores the chemical energy and then converts it into electrical energy.

## Key Questions

- 1 How do liquids change to gases and how do they change back to solid?
- 2 How do particles react to temperatures.
- 3 How does energy flow through a wire?