




# Year 4

## Autumn Two


### Potions (Solids, Liquids and Gases)


# Vocabulary list

These words will help you with your learning in this topic.


solid 


solidify

wood 

liquid 

dissolve

metal 


gas 

solution

plastic 

melt 


filter

bend 

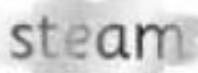
boil 


material


mould

burn 

oxygen

steam 

freeze 

water 

Solid Particles



Liquid Particles



Gas Particles



## Magic potion word mat



Tail of rat



Cauldron



Bat's wing



Frog slime



Rabbit tail



Cat hair



Eyeball



Cockroach leg



Spider silk



Dragon scale



Crocodile claw



Eye of newt



Mermaid's tear



Hair of princess



Fairy dust



Four leaf clover



Mane of unicorn



Snake fang



With Faith, Hope and Love we can achieve greater things

## Our Autumn two topic is: Potions

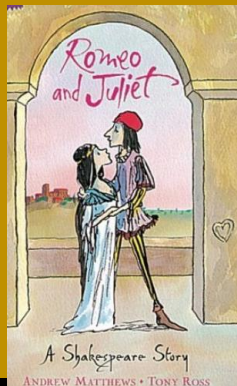
### Reading

We'll be reading lots of books linked to our topic, including Romeo and Juliet!

We'll be working on our reading fluency and looking carefully at the language used by the author. We'll be working on our retrieval and inference skills using our class texts as well!

### Writing

We'll be using our class texts to help us with our writing. We will spend time writing our own diary before moving onto play scripts. It will be amazing!



### Maths

#### Multiplication and division

We will be recalling and using multiplication tables and related division facts to aid fluency. We will practise mental methods and extend this to three-digit numbers, for example  $200 \times 3 = 600$  into  $600 \div 3 = 200$

**Science:** Our science topic for this  $\frac{1}{2}$  term is "in a state!" . During the run up to Christmas we will have a topic called "Potions".

This is very exciting as we will be looking at solids, liquids and gases. We will observe materials in different states and research what happens with temperature changes. We will look carefully at the water cycle and explore evaporation, condensation and precipitation.

### R.E

Our R.E topic for this half term is: Understanding Christianity. We will be thinking about the kind of world that Jesus wanted.

**Jigsaw:** We will be thinking about how to help others to feel welcome and celebrating differences. We will be discussing how to make our school community a better place and how our actions affect ourselves and others.

**Homework:** Year 4 have special topic based projects homework. Ask your class teacher if you need more clarification.

## Memorable Experiences

- We will be melting chocolate and observing what happens when it is poured into moulds and cooled.

## Year 4 staff

Mrs Cooper-Sayer and Mrs Chirara/  
Miss Williams - Class teachers  
Miss Dell, Mrs Methab and Mrs  
Perry are our support workers.

### Computing

- Use search technologies effectively to research medicine from the Middle Ages.
- We will then use the technology to produce a PowerPoint to show our facts in exciting ways!!

### Music

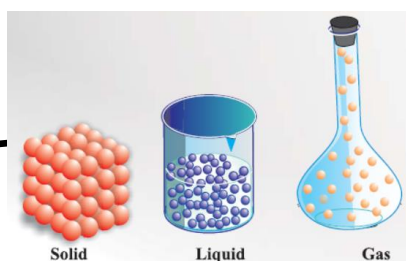
- Use a range of instruments.
- Explore and create music.
- Listen and respond to sounds.
- Play complex melodies.

### Art

- Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials.
  - Find out about great artists, architects and designers in history.
- We will be painting on glass bottles!

### PE

- Running, jumping, throwing, catching.
  - Play competitive games.
  - Develop flexibility, strength, techniques, control and balance.
- Learning how to swim!



### History

- Place key events on a timeline.
- Examine a variety of sources.
- Use a range of sources to investigate the lives of everyday scientist as we explore medicine through time!
- We will look at the work of famous doctors that have had impact upon cures today!

### Performing Arts

- To use the water cycle as a stimulus to compose a dance.
- To perform movement phrases.
- To create a sequence.
- To describe and evaluate the dance.
- To perfect a dance sequence.

### French

- Identifying the names of family members
- Learning the letters of the alphabet
- Learning the names of some household objects
- Using prepositions to say where objects are.

### Geography

- Use maps, atlases, globes and digital mapping to locate countries.
- We will find out how different medicine is for people who live in other countries around the world. .