

Curriculum Information for the Summer 1

Year 4 :
Miss Purvis, Miss Parker



Our topic this term is:

Potions

Key Class Information: PE is on a Monday

Main Subject Areas: Science, English, ICT, D&T, History, Maths

WOW MOMENT

Investigate chemical reactions of different solids and liquids.

ENGAGE PHASE

During this phase, the children will ...

- Sort empty packaging for a range of household products into solids liquids and gases.
- Test the rate at which liquids flow.
- Measure temperature using degrees Celcius.

DEVELOP PHASE

During this phase, the children will ...

- Create a George's Marvellous Medicine rhyming potion.
- Find out how particles are arranged in solids, gases and liquids.
- Sketch and paint still life flowers.
- Design and paint a potions bottle.
- Write instructions to a make a potion.

INNOVATE PHASE

During this phase, the children will ...

- Sort ingredients into solids, liquids and gases.
- Concoct a potion.
- Mix ingredients for spell noting down scientific processes that are taking place.
- Write a descriptive piece about Alice shrinking.

EXPRESS PHASE

During this phase, the children will ...

- Take part in a science quiz on solids, liquids and gases.
- Listen to and choose percussion instruments to accompany spells.
- Make a spell book.

English Skills

- Instructions
- Descriptive Text
- Poetry

Maths Skills

- Area and perimeter
- Measure and money
- Shape and symmetry

Homework Tasks

- Find out about the boiling point and the melting point of a range of substances.
- Read a Harry Potter book, or another featuring a wizard character, and write a short book review.
- Calculate how many litres of water it takes to fill your bath. Which uses less water, the shower or the bath?
- Make homemade perfumes or potions.
- Find out about how potions were used in the past for medicinal and magical reasons.
- Find a recipe and bake a cake that involves boiling or melting a substance.

CELEBRATION EVENT

Sharing potions and recipes as a class presentation.