

Curriculum Information for the Spring 1 Term

Year 4 :
Mrs Pinkney, Miss Parker



Our topic this term is:

Potions

Key Class Information: Swimming will take place on a Wednesday.

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

WOW MOMENT

Visit from Mad Science – 'Dr. DNA'
Dry ice workshop

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.
- Make predictions about temperature of different jars of water.

DEVELOP PHASE

During this phase, the children will ...

- Observe what happens when vinegar and bicarbonate of soda are combined.
- Plan an investigation to test the best mixture to blow bubbles.
- Taste test, plan and make your own chocolates.
- Design and make packaging for chocolates.
- Study and explain the water cycle.

INNOVATE PHASE

During this phase, the children will ...

- Sort ingredients into solids, liquids and gases.
- Write their own spell.
- List ingredients for own spell.
- Mix ingredients for spell noting down scientific processes that are taking place.
- Choose a suitable container for potion.

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.
- Create a powerpoint presentation to summarise favourite aspect of project.

English Skills

- Instructions
- Explanation Text
- Poetry

Maths Skills

- Fractions
- Decimals
- Time

Homework Tasks

- Make a list of all solids, liquids and gases you can find at home.
- Make a sketch of any interesting bottles you have at home.
- Estimate how many plastic cups of water it would take to fill a large saucepan.
- Make ice-lollies at home.
- Visit your local library to search for plays or stories on the theme of potions.
- Use a range of sources to find out how potions were used in the past.
- Create a drawing or model to explain the water cycle.

CELEBRATION EVENT

Sharing our own potions and recipes as a class presentation.