

Learning Environment:

In Year 4 this half term we are investigating the amazing magical world of potions and their properties. A potion is a mixture, an aromatic brew, a vapour, a liquid or sticky goo.

But scientists beware! There are some powerful and deadly potions out there – dangerous, unpredictable or plain tragic (just ask Romeo and Juliet!)

Design and Technology and Art.

- Create potions using natural safe products.
- Create potion bottles using clay.
- Consider artwork from great artists around the theme of love.
- Creating condensation hearts.

French - language thinking about:

- We will be exploring language linked to holidays and hobbies.

Maths –Using and applying operation with increasing fluency.

- Confidently add and subtract numbers with up to 4 digits using place value and number facts.
- Using and applying formal written multiplications methods, such as grid method to effectively multiply 3 digit numbers by 2 digit numbers.
- Use coordinates to draw polygons.
- Find coordinates of shapes after translation.
- Apply knowledge to word problems with 2 or more steps.

Physical Education- throughout this term we will:

- Embark on different athletics for our sports day.
- Create movement to explain scenes from Romeo and Juliet and Macbeth using instruments to support this.
- Undertaking team games such as Rounders and Kwik cricket.

Potions - Year 4



Summer Term 2 2018

Science – States of Matter

- Discover how matter state changes the product.
- Investigate how viscosity changes the movement of the product.
- Investigating different states in everyday products.
- Understand how gas can be formed and used.
- Exploring scientific equations.

History – Potions, anaesthesia and the molecule.

- Understand the development of anaesthesia.
- Consider the historical use of potions in magic and medicine.
- Investigate the development of the understanding of the molecule.

RE – Hinduism and Christianity

- Exploring Hinduism and worship in comparison to Christianity.
- Understand the different forms of God and how it compares between the two religions.

English: We will be using our ability to be effective in our assessment and editing of written work incorporating spelling rules, grammatical organisation and structure.

- We will be exploring Romeo and Juliet. We will consider main events, and ideas for an alternative potion. We will then re-write the story. Finally, we will re-write the scene with an alternative potion.
- We will be using our learning of explanation texts.
- We will consider the spell form Macbeth Act IV, Scene 1. We will use rhyming couplets to create our own spell for our potion.
- Guided Reading will be based around Lewis Carroll's Alice in Wonderland.
- Our Class book will be:
Georges Marvellous Medicine by Roald Dahl.

PSHE Jigsaw

We will continue to follow our PSHE curriculum called Jigsaw. Our topic is entitled Changing me.

Computing – Presentation and Photography.

- Linked to DT and Art – the children will create labels for their potions.
- Use digital photography to record their 'condensation heart art', changing colour and tone.