

Creative Curriculum Theme – Potions Science

- Compare and group materials together according to whether they are solids liquids or gases.
- Describe solids liquids and gases including the arrangement of particles.
- Set up investigations to test different liquids and solids and make predictions on the outcome.
- Explain the effect of heating and cooling on water and other substances.
- Develop and describe ideas about the uses of common solids, liquids and gases and the health and safety implications.

Computing

- Research and evaluate shopping websites and design their own website for a shop for wizards and witches.
- Use the internet safely to research solids, liquids and gases.
- Select, combine and use a variety of software to present research and knowledge of solids, liquids and gases.

Design Technology

- Choose from a range of materials and follow instructions to make potion chocolates.
- Evaluate their designs and ideas for products as well as the method of making—how could it be done differently next time?

Art and Design

- Compare and contrast artwork on a similar theme of potions.
- Make observational drawings of different potion bottles.
- Select different tools and techniques to make their own potion bottle design out of clay.

English

Text: **'George's Marvellous Medicine'**
by **Roald Dahl**.

- Create settings, characters and plots using ambitious vocabulary.
- Reading will focus on inference and vocabulary to develop a deep understanding of a text.
- Practice applying spelling rules and learning common exception words.
- Proof read writing for spelling, punctuation and grammar errors.

Maths

- Develop multi-steps problem solving skills involving all four operations.
- Investigate different measures including money, mass, volume and length.
- Read and interpret different graphs .
- Add, subtract and compare fractions of shapes and amounts.

Physical Education

- Gymnastics will focus on techniques for rolling safely.
- Forest School—children will continue to develop the new Forest School area with a focus on planting, growing and creating natural habitats.

French

- Talk about our daily routine and describe what we like to do and how our weekdays and weekends differ.

Music

- 4S will continue to play the ukulele and understand musical notations.
- 4M will investigate great composers and learn about the history of music.

Staff: Miss Malin, Mrs Stewart, Mr Godridge.



Religious Education

Compare and contrast commitments in the Christian, Jewish and Muslim faiths.

Personal, Social, Health Education

How to keep ourselves safe online, at home and in the outside world.

Homework

Please complete at least one of the activities below for your homework. All of the tasks are linked to our 'Potions' topic and have a science theme. Please be as thorough and creative as possible!

Make a list of all the solids, liquids and gases you can find at home. Are they kept safely?

Make a sketch of an interesting bottle you have at home. Remember to add textures, patterns, shading and finer detail.

Make home-made perfume or potions using things you can find at home. (Ask an adult if you are not sure if they are safe to use) Use a pestle and mortar to grind the things you find. Add liquid and strain to get rid of the lumpy bits. What have you made?

Calculate how many litres of water it takes to fill your bath. Which uses less water, the shower or the bath? How can you find out?

Create your own spell and potion. What will it do? What magical ingredients will it include?

Make ice lollies at home. Can you add a surprise ingredient that reveals itself as the ice melts?

Visit your local library or book shop to search for plays and stories based on the theme of potions. Write a book review and share it with your class.

Design an outfit and a wand for a wizard. Label it clearly and explain your design.

Reading

Children are encouraged to read throughout the week (their chosen text from Accelerated Reader Programme). Home school link books must be brought in once a week so that teachers can see the time they are spending reading at home.

In school, children will then be given a quiz on their chosen book so that class teacher's can see their understanding of the text.

Times Tables

Children will receive a times-tables activity sheet, which is to be completed independently. Please mark it with them at home and return it to school the following week so children can receive their next sheet. In Year 4, sheets will be given every **Tuesday**.