# Year 4 Autumn 2

## Potions



Dear Parents and Carers,

Welcome to the amazing world of potions!

Potion: a poison, a mixture, an aromatic brew, a vapour, a liquid or sticky goo. Welcome to the amazing magical world of potions and their properties. Now scientists, beware. There are some powerful and deadly potions out there, dangerous, unpredictable or tragic (just ask Romeo and Juliet.) Use what you know about materials and their properties to create incredible potions in Professor Hazard's Potions class. Feeling sleepy? That orange juice did taste a little strange...

Miss Economides and Mrs Pannell

| **Science** | **Maths** | | **English - writing** |
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| **States of matter**<br>Compare and group materials together, according to whether they are solids, liquids or gases<br>Observe some materials change state when they are heated or cooled,<br>Identify the part played by evaporation and condensation in the water cycle | **Measurement**<br>To measure and compare the area of shapes.<br>**Multiplication and division**<br>To multiply and divide by 3, 6, 9, 7, 11, 12, 1 and 0.<br>To learn the 3, 6, 9, 7, 11, 12 times-table.<br>To divide a number by 1 and itself.<br>To multiple 3 numbers. | | **Instructions**<br>Identify features of instructional writing.<br>Apply features of instructional writing.<br>Write a potion recipe .<br>**Poetry**<br>Write poems based on Macbeth, using similes and metaphors.<br>Poetic rhyming structures<br>**Non- Chronological reports**<br>Identify Conjunctions in non-chronological texts.<br>States of matter non-chronological report |
| **PSHE** | **RE** | **Computing** | **PE** |
| **Unit 3- Emotional Well-being**<br>**What am I feeling?** To learn that emotions change as they grow up. Learn what emotional well-being means and that they should talk to trusted people<br>**What am I looking at?** To recognise that images in the media don't always reflect reality and can affect how people feel about themselves | **Prophecy and Promise**<br>The Prophet Elijah<br>Elijah on Mount Carmel<br>John the Baptist<br>Advent<br>The Ancestry of Jesus<br>Joseph the Foster Father of Jesus<br><br>***Catholic Social Teaching:*** *Preferential Option for the Poor* | To know that some web pages may contain adverts or pop-ups that encourage people to click on them.<br><br>To recognise that the school network links computers to allow the sharing of resources.<br><br>To create posters online. | Invasion Games – Hockey<br>Pupils will explore attacking/defensive tactics in hockey. With a big focus of having possession of the ball to create goal scoring opportunities.<br><br>Swimming<br>Pupils will continue to develop their knowledge of water safety & how to apply the correct technique when swimming. |

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| **I am thankful** To learn that some behaviours are wrong, unacceptable, unhealthy and risky and thankfulness builds resilience against feelings of envy | | | |
| **History** | **Geography** | **Art & Design** | **Design & Technology** |
| No History | **Peru to Brazil – What is it like at both ends of the Amazon river?**<br>This term, Year 4 children will explore South America, locating key countries and physical features such as Peru, Brazil and the Amazon River. They will learn about climate zones, the Equator, and how these influence the environment, wildlife and natural resources. Pupils will also investigate important environmental issues, including deforestation and climate change, and their impact on different regions of the Americas. | To sculpt clay and other mouldable materials. | To produce a plan and explain it.<br>To evaluate and suggest improvements for own design.<br>To evaluate products for both their purpose and appearance<br>To explain how an original design has been improved. |
| **French** | **Music** | | |
| **Geography and the French-speaking world**: French-speaking countries; spotlight on Guadeloupe and Senegal; the geography of France, borders, seas, rivers, mountains, 13 regions, major towns; Christmas celebrations in France | **This little light of mine**<br><br>**The children will l**earn to sing the song confidently . They will explore : Pentatonic scale, gospel music, off-beat, rhythm, call-and-response,<br><br>Using glockenspiels they will learn the bass line and improvise a pentatonic melody | | |
| **Trips/Curriculum Days** | **Homework Days** | **Key Dates for Y4 this half term** | **Ideas for home** |
| Potions Day - 19th November | Spellings:<br>Please see the spelling grid. We will have a spelling test every Friday. | • Parent consultations 4th November<br>• Class photos on Thursday 5th November | **Science project:**<br>Why not hunt around the house to track down a wide variety of items and sort them into solids, liquids and gases? You could also sketch interesting bottles or |

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| | | • Potions Day Thursday 19th November<br>• St. Catherine's Mass Wednesday 25th November<br>• Nativity performance to parents and carers Friday 4th December | containers that you have at home. |