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Year 4 Project 1 Learning Journey: 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...

Subject coverage

English	Maths	Science
<p>Write a fantasy story focussing on description</p> <p>Class read: A Pinch of Magic</p>	<p>Place value and the four operations</p>	<p>States of matter</p>
French	Computing	Art/ Design & Technology
<p>Revision of: J'apprends le Français, La Phonetique & Je peux...</p>	<p>Digital literacy: Microsoft suite</p> <p>Passwords and privacy</p>	<p>Clay - Creating potion bottles</p>
Dance	PSHE	PE
<p>Perform different styles of dance fluently and clearly</p>	<p>Being me in my world: Why is listening to others and being listened to important in my school community?</p> <p>Value: Respect</p>	<p>Swimming (Begins 9th September)</p> <p>Real PE unit 1</p>
History	RE	
<p>Black History Month</p>	<p>Islam: What does it mean to be a Muslim?</p>	

Please see the knowledge organiser sent with this document to find out what skills, knowledge and understanding your child is expected to have by the end of the project in science and their curriculum project.

Suggested reads

Why not keep an eye out for books about Potions? Here are some recommended reads:

- Alice's adventures in Wonderland by Lewis Carroll
- Romeo and Juliet (A Shakespeare story) by Andrew Matthews
- Winnie spells trouble by Laura Owen
- The Witches by Roald Dahl
- George's Marvellous medicine by Roald Dahl
- The Worst Witch by Jill Murphy
- Matter (Moving up with science) by Peter Riley
- What's Chemistry all about by Alex Frith

The books can also be found on MyON:

- Marconi The Wizard by Trisha Speed Shaskan
- Matter by Darlene Stille
- The Puzzling Pluto Plot by Blake A Hoena

Optional home learning challenges

If after completing their reading, spelling practice and TT Rockstars games, your child would like to complete additional home learning challenges, here are some ideas of projects they could attempt and bring in to share with their class teacher for *bonus merits*.

- Make a list of all the solids, liquids and gases you can find at home. Are they kept safely?
- Make a sketch of any interesting bottles you have at home. Remember to add patterns, textures, shading and finer details!
- Make homemade perfume or potions using things you find in the kitchen, garden or bathroom (before you start check with an adult which substance are safe to use). Use a pestle and mortar to grind up 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?
- Make ice lollies at home. Can you add a surprise ingredient that reveals itself as the ice melts?
- Visit your local library or bookshop to search for other plays and stories on the theme of potions. Write a book review and share it with others in your class.

Useful information

- Year 4 are scheduled to do PE on Mondays and Thursdays, but this can change without notice so please ensure your child has their full PE kit in school every day.
- Children will start swimming on Thursday 9th September so remember those kits!
- Our potions project will be launched on Monday 6th September. Please come dressed up as a mad scientist or a magical character ready to have an explosive day!
- On Tuesday 14th September, pupils have their individual school photographs.