



Y4 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 Fantasy story descriptions Project writing Instructions	Maths Place value and the four operations	Science States of matter
French Revision of Y3 content: J'apprends le Francais, La Phonetique, Je peux...	Computing Data and information – using Excel	Art Observational drawing focussing on tone Clay work – Creating potion bottles
Music Learning to play the recorder	PSHE Being me in my world: Why is listening to others and being listened to important in my school community?	PE Netball Real PE unit 1
	RE Islam: What does it mean to be a Muslim?	

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

Home learning challenges

The only home learning task that is compulsory for all pupils is learning the spellings that will be set each week. These will be set weekly as an assignment on Spelling Shed (<https://play.edshed.com/en-gb/login>). The first ones will go live on 18.9.23. If pupils do not complete this task at home, teachers will provide time for them to do this at lunch time so that they are prepared and succeed.

We also strongly encourage pupils to regularly read and practise their times tables on TT Rock Stars at home.

If after completing their compulsory spelling practice, optional reading and TT Rock Stars 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

- Y4 are scheduled to do PE on Mondays and Wednesdays but this can change without notice so please ensure your child has their full PE kit in school every day. Please provide your child with warm weather kit as well as indoor clothes.
- School photos will be taking place on Friday 29th September.



Inspiring the learning journey!