

Year 4 Home Learning Projects

Potions

4J/4M

The children in Year 4 are taking part in 'Creative Homework Projects' that we would like them to complete over the coming weeks. The project for this half term is Potions, a super science topic learning all about states of matter so materials changing from a solid to a liquid or a gas.

We look forward to seeing the results and would like the children to bring their completed projects into school week commencing Monday 13th May prior to our home learning celebration assembly on Monday 20th May. We love to see the children sharing and celebrating each other's talents before the end of this summer half term. We would ask that this project reflects this half term's learning and demonstrates the children's own work, although we really appreciate your support in helping them complete their homework.

Thank you for your continued support,

Mrs Jones

Miss Moody

Make a list of all the solids, liquids and gases you can find at home. Where are they stored and are they kept safely?	Make a sketch of any interesting bottles you have at home. Remember to add patterns, textures, shading and finer details using all of the sketching skills you have learned at school.	Make home-made perfumes or potions using things you find in the garden or bathroom (check with an adult before you start about which substances 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 book shop and search for children's plays and stories on the theme of potions. Write a book review and share it with others in your class.
Are there any liquids you know about that can act as if they were a solid? At home, explore a mixture of custard powder and water, or cornflour and water, and see how it behaves.	What do you know about the gases in the earth's atmosphere? You could write a fact file about the gases.	Write a short story, letter or diary entry about a character who drinks a magic potion. What happens to them when they do this? Remember to include fronted adverbials and accurate speech punctuation if you have included any dialogue