Home Learning Challenges - Potions

Here is a selection of homework challenges based on our topic in class this term. You may choose which tasks you complete and when. There is no obligation and some challenges will take longer than others. Please complete each activity with care and to the best of your ability.

Bring each piece of work in upon completion to be displayed and claim your house points!

Bronze (1 house point)	Silver (2 house points)	Gold (3 house points)
Breathe on a window to create condensation. Make a picture with your finger! Take a photo of your condensation art!	Find out about a famous scientist. What did they invent? How does their invention impact on modern life today?	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 a list of all the solids, liquids and gases you can find at home. Draw a table of your findings. Check with your grown up before you do this activity!	Make home-made perfume or potions using things you find in the garden or bathroom. Check with an adult before you start. 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?	Write a list of instructions about how you made your ice-lollies at home. Explain what happens to the state of the liquid during the steps and why it happens.
Make ice-lollies at home. Can you add a surprise ingredient that reveals itself as the ice melts?	Look through your recycling and sort what the packaging contained into solids, liquids and gasses piles. Discuss this with a family member justifying why you put each piece in a certain group.	Visit your local library or book shop to search for other plays and stories on the theme of potions. Write a book review and share it with your class.
Create a wizard's or witch's hat. Make your design interesting and eye catching!	Make a sketch of any interesting bottles you have at home. Remember to add patterns, textures, shading and finer details!	Have a look at the spices and herbs in your kitchen cupboard. Make a list of them and research any medicinal or health benefits they may have

Values Home Learning – Friendship

Bronze (1 house point)	Silver (2 house points)	Gold (3 house points)
How can you be a good friend? Write a list of practical ways that you can show friendship, for example *asking someone to join your game, pay someone a compliment, make someone laugh* or *let your friend choose a game.* Over the next week or so, see how many times you can demonstrate these different ways to show friendship. How did this make you feel?	What is friendship? What does friendship mean to you? What does it look like? What does it sound like? What does it feel like? How have you shown friendship? Where have you seen friendship? Design a poster or write a summary paragraph exploring these questions.	What does being a good friend mean to you? How do you show friendship? How do people show you friendship? Write a poem or song, explaining what friendship means to you. This could be free verse, acrostic, rhyming or a list poem. Be creative with the vocabulary you use and try to include some examples of friendship in the poem or song.

This challenge grid runs up until just after October Half Term.