

BFG DREAM POTIONS

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You will need:

- Washing up liquid
- Bicarbonate of soda
- Distilled malt vinegar
- Glitter/other decoration
- Cabbage water

Method:

1. First make the cabbage water by roughly chopping a red cabbage and boiling until the colour is extracted. Strain and put to one side to cool.
2. Assemble your ingredients in containers
3. Think up names for the different ingredients that feature in your dreams for the future. Have a look at the book for inspiration or come up with your own!
4. Start with some cabbage water.
5. Add ingredients as you wish, EXCEPT for the vinegar...save that until last.
6. Observe how the ingredients affect the potion (oooooh aaaaahh)
7. When the dreams are 'ready', add the vinegar or ('liquid imagination'. Make sure you have a tray or a mat underneath! This gets messy!

The science behind it

Red cabbage water is a pH indicator. It will change colour based on the acidity of whatever it comes in to contact with. As the children make their potions, the cabbage water will start to change colour.

Bicarbonate of soda reacts with the vinegar which makes the potions bubble and fizz!

Remember science is all about predicting, observing, explaining and thinking about what you could do next – talk about everything that is happening – what AMAZING vocabulary can you include?