

## MAGIC POTIONS

### You will need

3 glasses (plastic cups), plus an extra one per child  
Spoons- one per child  
White vinegar  
Food colour i.e blue, red, yellow  
Dish wash liquid  
Cooking oil  
Baking soda  
Tray

- Give each child a cup with 3 teaspoons of baking soda and a spoon, set aside.
- Place 3 cups on the tray.
- Half fill each cup with white vinegar.
- To one glass add a squirt of dish wash liquid, to another a tablespoon of cooking oil.

Observe the dish wash liquid and oil in the vinegar, what's happening.

Talk about sinking and floating.

Add a few drops of food colour to each cup.

Spoon in some baking soda to one - observe.

Then add baking soda to the next, observe.

Then add baking soda to the last cup, observe.

Ask "I wonder why there are different things (reactions) happening?"

At the end, let the child/ren mix the potions in their own cups and see what happens when the colours mix.

**Remember,** listen to your child/ren's explanations, and accept these as their working theories/ ideas. The idea is to create curiosity about experimenting, not the answers.



eResource provided by Shirley Jones - Playgroup Support

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