

Magic Milk

K McIlroy Feb 21

You will need:

- 1 cup of milk (whole milk)
- Washing up liquid
- Toothpick or cotton bud
- Food colouring

Method:

- Pour the milk into a bowl
- Add a few drops of food colouring.
- Drop it around so it is not all in the same place
- Dip your cotton bud into the soap and then poke it into the middle of the milk!
- Watch to see what happens!



Food colouring will mix with water but not fat. The soap breaks the surface tension of the water and binds to the fat in the milk. This creates soap fat molecules which push the colour around the bowl. You can use this experiment to talk about how soap helps to get rid of germs. This can help to reinforce the importance of handwashing during COVID-19.

I can talk about science stories to develop my understanding of science and the world around me. SCN 0-20a
I am becoming aware of how cleanliness, hygiene and safety can affect health and wellbeing. **HWB 0-33a**