

Milky Colours

Aim: To investigate the effect of detergent on milk.

Prediction: (What do you think will happen? Will there be different results for different types of milk?)

Equipment:

Four different food colours
Dishwashing detergent
Four flat bowls or plates
Full cream milk, low fat milk, skim milk, soy milk

Procedure:

1. Pour the milk into the bowls and let it settle.
 2. While the milk is settling, think about what it is made up of.
 3. Add 3-4 drops of each food colouring at different places around the edge of the bowl.
 4. Carefully pour or use a dropper to add a few mLs of detergent to the bowl.
 5. Describe what happens.
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Draw what happened to each milk type when the detergent was added (USE PENCIL!).

<u>Full cream</u>	<u>Low Fat</u>
<u>Skim</u>	<u>Soy</u>

Explanation: (Describe why you think that these results occurred.)
