

# Swirly Rainbow Milk

## Science "Trick"

*This science "trick" is truly spectacular and fun and may use materials you already have around your home.*

*Remember, it's always a good idea to practice at home first!*

### Suggested Materials:

- ❖ 4 x different food colourings (eg. red, yellow, green, blue)
- ❖ 1 x large round shallow dish
- ❖ Full cream milk
- ❖ Liquid dishwashing detergent
- ❖ Eye dropper (optional)

### Suggested Instructions:



**Step 1:** At home, fill the bottom of your shallow dish with full cream milk and allow it to adjust to room temperature.



**Step 2:** Carefully add a few drops of food colouring to 4 separate areas of your dish ie. a few drops of red in one spot, a few drops of yellow in another spot etc. You may find it easier to use an eye-dropper.



**Step 3:** Gently squeeze one large drop of dishwashing detergent into the centre of your dish.



**Step 4:** Wait and watch as the contents of your dish start to swirl around in a rainbow of colours. (If the swirling stops, you can always add another drop of dishwashing detergent).



**Step 5:** Practice this trick a few times at home before trying it at school.



**Step 6:** At school, repeat Step 1 to Step 4. Ask your teacher for help if needed.