

MAGIC MILK

MATERIALS

- PLATE OR TRAY (CLEAR OR WHITE)
- MILK (WHOLE MILK WORKS BEST)
- LIQUID DISH SOAP
- FOOD COLORING (VARIOUS COLORS)
- COTTON SWABS (Q-TIPS)



INSTRUCTIONS

1. POUR ENOUGH MILK ONTO THE PLATE OR TRAY TO COVER THE BOTTOM WITH A THIN LAYER.
2. ADD A FEW DROPS OF FOOD COLORING ON THE SURFACE OF THE MILK. USE AS MANY COLORS AS YOU LIKE, BUT BE SURE TO LEAVE SOME SPACE BETWEEN EACH DROP.
3. DIP A COTTON SWAB INTO THE LIQUID DISH SOAP, MAKING SURE IT'S FULLY COATED BUT NOT DRIPPING.
4. NOW, GENTLY TOUCH THE SOAP COATED COTTON SWAB TO ONE OF THE DROPS OF FOOD COLORING ON THE SURFACE OF THE MILK. YOU SHOULD SEE SOMETHING AMAZING START TO HAPPEN!
5. WATCH CLOSELY AS THE COLORS BEGIN TO SWIRL AND MIX TOGETHER. MOVE THE COTTON SWAB TO TOUCH OTHER DROPS OF FOOD COLORING TO CREATE EVEN MORE SWIRLS AND PATTERNS.

EXPLANATION

WHEN YOU ADD SOAP TO MILK, SOMETHING SPECIAL HAPPENS! MILK HAS TINY FATS THAT STICK TOGETHER, MAKING A LAYER ON TOP. SOAP LIKES TO BREAK UP THESE FATS. WHEN YOU TOUCH THE SOAP-COATED COTTON SWAB TO THE MILK WITH FOOD COLORING, THE SOAP PUSHES THE FATS AWAY. THE FATS TAKE THE FOOD COLORING WITH THEM. THIS MAKES THE COLORS MOVE AND MIX IN BEAUTIFUL SWIRLS ON THE MILK'S SURFACE.