

# MILK AND FOOD COLORING EXPERIMENT



## YOU WILL NEED:

Full Fat Milk

Blue Food Coloring

Dawn Dish Soap

Cotton Swabs

Snowman, Snowflake, House, Tree, Fish Cookie Cutter

1: Start by pouring your milk into a baking dish or other flat bottom surface. You don't need a lot of milk just to cover the bottom and then some.

Then place the snowman cookie cutter in the the milk.

2: Fill the top of the milk with drops of paint! And mix them all.

3: Pour a little soap into a small bowl. Then touch the soap with the tip of a cotton swab and apply it. Then bring it to the milk bowl and gently touch the surface of the milk with a swab! What happens?

While some properties of foods are dissolved in water, others look for fat in milk.

Milk consists of vitamins, minerals, proteins and fats. After adding soap to milk, proteins and fats decompose. Soap heads for fats create a cool dose of color. If there is no movement, all the fat molecules are. Are there any more hiding? Try another tip q immersed in soap!