



# MAGIC MILK EXPERIMENT

*Experiment with an explosion of color*

## Big Idea:

Experiment with basic chemistry by seeing how different substances react when put together.

## Materials:

- Full fat milk
- Food coloring
- Dish soap
- Q-tips

## Directions:

1. Pour your milk into a baking dish or other flat bottom dish. Pour enough to cover the bottom.
2. Add drops of food coloring to the milk. Use different colors for a greater effect.
3. Pour a small amount of dish soap into a container. Dip one end of your Q-tip in the soap. Gently touch the surface of the milk with the soap end of the Q-tip. What happens?
4. The cool color effect is a result of the proteins and fats in the milk reacting to the dish soap.

