



High Touch High Tech[®]

Science Experiences That Come To You

Exploding Colors!

Ingredients & Supplies:

- A bowl
- 1/2 cup of milk
- Dish soap
- Cotton swab
- Food Coloring, more than one color

Instructions:

1. Pour the milk into the bowl. Be careful not to move the bowl, you want the milk as still as possible, then put one drop of each color in different places in the milk.
2. Put just a tiny amount of soap on the end of the cotton swab, then touch it to one of the colors. WOW!
3. Let the experimenting begin!
4. To clean up, just pour the milk down the drain. (Do not drink it)

The Science Behind It:

Milk has fat in it and the food coloring floats on top of the fat. The fat is all connected with bonds. Think of it like the little pieces of fat all holding hands with each other. Dish soaps are used on greasy or oily dishes because it breaks the bonds in fats allowing them to separate. When you add the dish soap to the milk, the fat separates and moves making your colors explode!

[Download More Experiments](#)

[Make a Reservation](#)

Become a member of the High Touch High Tech Community!

Post pictures, leave comments, and stay up-to-date with new programs, fun post-program experiments, current events & more!

