

WeeMan Ocience Experiments where does milk come from?

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Science Experiments

Milk Magic

Lesson by Aeris Carlton from laughingkidslearn.com

Materials:

- Plate
- ½ 1 cup milk
- 1 drop dishwashing liquid
- food coloring
- Toothpicks (optional)

Directions:

- Pour milk onto plate, enough to cover base.
- 2. Add a few drops of food coloring to the milk.
- 3. Carefully add one drop of dishwashing liquid to the middle of the milk.
- 4. Enjoy the magic!
- 5. Use toothpick to manipulate swirling. (optional)







COLORFUL Milk paintings

Materials:

- 1 gallon of almond or coconut milk (would not advise using regular milk)
- 1 pan
- Food Colorings
- Fork or a pic to mix the colors
- Cardstock (not advised to use thin paper)

Directions:

- 1. Place a layer of milk into the pan
- 2. Apply colors
- 3. Use a Q-tip with Dawn dish soap
- 4. Place the Q-tip lightly onto the milk
- 5. Once the colors spread drop a piece of paper onto the milk.



Not a Good Mix

What happens when you mix milk and coke?



- 2. Add coke to the pan of milk.
- 3. A chemical reaction will occur: 3Ca + 2H3PO4 ///\\
 Ca3(PO4)2 + 3H2. "It is a reaction of the Phosphoric Acid contained in the Coca-Cola to the milk.

You may think twice drinking a milk and then a coke soon after. Phosphoric Acid contained in the coca cola has a bizarre reaction to the milk. Phosphoric Acid molecules attach themselves to the milk giving them more density and separate out while the remaining liquid that makes up the milk and cola now being lighter floats to the top. The solid matter is basically milk that has been curdled by the addition of the more acidic soda.





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ICE CREAM IN A BAG

Open up a medium sized ziploc bag and pour a cup of milk into the bag. Add the vanilla essence a tablespoon of sugar.

Half fill a bigger ziploc bag with ice and add a good amount of salt.

Put the milk bag into the ice bag and give some good shakes.

Keep the milk in contact with the ice as much as possible.

Keep rolling the ice over the milk, the ice in the bag will get VERY cold, so put a towel around the bag to protect your hands.

Check the milk after 5 minutes, it should be a similar consistency to ice cream, if not keep going for a bit longer.





