



In this new series from PBS North Carolina, Ava and friends explore the world of science through hands-on experiments. In the episode “Mix It Up,” Ava and Eleanor explore the invisible force of surface tension by experimenting with milk and soap.

To learn more, visit pbsnc.org/MiniFab.

Milk-Soap Experiment

Materials

- A bowl
- ½ cup of milk
- Dish soap
- Cotton swab
- Food coloring in different colors

Instructions

1. Pour milk into bowl. Be careful not to move the bowl—you want the milk as still as possible.
2. Put one drop of each color in different places in the milk.
3. Put a tiny amount of soap on the end of the cotton swab. Touch a color with the swab and see what happens.
4. See how the colors move when the soap touches them.
5. To clean up, pour the milk down the drain. (Do not drink it.)



Activity courtesy of Science Fun



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