

**Intermolecular forces**

**Chemicals available:** Food coloring, liquid soap

**Materials for demonstration provided in kit:**  plastic plate, cotton swabs, bottle and funnel for used milk disposal.

**Materials you must get:** milk

**Procedure for in class demo**:

This needs to be performed on the document camera so the students can see.

1. Pour a small amount of milk in a plastic plate.
2. Add several drops of food coloring to the same spot on the middle of the dish
3. Dip a cotton swab in liquid soap.
4. Put cotton swab in the middle of the spot with food coloring and push to the bottom of the plate.
5. Repeat steps 3 and 4 with a new cotton swab as desired.

**Waste:**  Dump milk down the drain. Rinse plate, bottle and funnel and return.