

# Chase's Crazy Canola Crafts and Science Experiments

## Upside Down PLOP! <sup>9</sup>



Have you ever tried mixing canola oil, salt, and water together? What happens? Try this science activity with the help of an adult to find out!

### Materials

- Tap water
- Salt from a salt shaker
- Canola oil
- Narrow jar [size of jar is optional]
- Food colouring [your choice]
- Funnel [optional]

### Instructions

1. Make a **prediction** [best guess] as to what happens when you mix canola oil, salt, and water together?
2. Fill a narrow jar  $\frac{2}{3}$  full of water. Have an adult show you where  $\frac{2}{3}$  is on the bottle. Use a funnel to assist if your jar opening is narrow.
3. Fill your narrow jar  $\frac{1}{3}$  full of canola oil. Use a funnel to assist if your jar opening is narrow.
4. Add ONLY 1 drop of food colouring of your choice to the water.
5. Look at what the drop of food colouring is doing and where it is in the mixture. Why?
6. Using a salt shaker, shake 3-6 shakes of salt into your creation. Use a funnel to assist if your jar opening is narrow. What happens to the drop of food colouring? Why do you think this is happening?
7. Was your prediction right? Can you think of any other predictions and tests you can do with this experiment in the future?
8. Clean up.



**Note to adult:** Refer to Additional Teacher/Parent Resource Page 9a for additional information.