



Bubbling Beakers

Some things mix with water and some things don't. In this experiment you will see how water mixes with three different things.

Materials

- 1 clear glass or jar
- Water
- Food coloring
- Cooking oil
- Effervescent (fizzing) antacid tablet

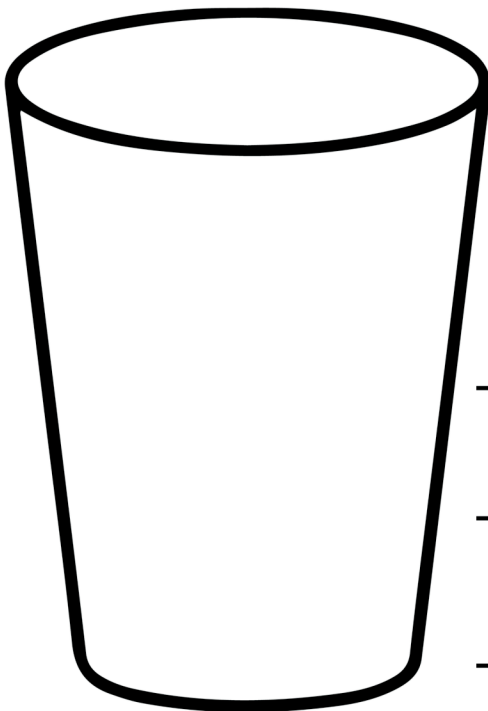
Experiment

1. Gather your materials.
2. Fill the glass half way with water.
3. Pour a little cooking oil on top of the water, don't fill the glass all the way up!
4. Put 5 drops of food coloring on top of the oil.
5. On the next page, draw what you see in the "before" cup and guess what will happen when you drop the antacid tablet in.
6. Drop the tablet in the cup and watch it bubble!
7. On the next page in the "after" cup draw what your experiment looks like after 1 minute of bubbling.
8. Clean up your experiment (remember, don't put oil down the sink! Throw it in the trash!)



Observations

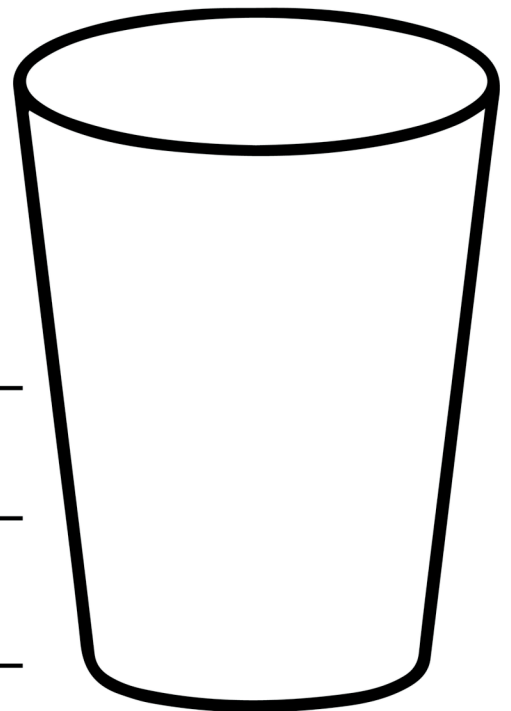
Before



Guess

What will happen when you add the antacid?

After



Think

Leave the experiment where it is and come back in 10 minutes. What happened to your mixture? Did the oil mix with the water? Did the food coloring mix with the water? Did the antacid mix with the water?
