



Spooky Science



Get your brooms ready! In this spooky experiment you will put your potions skills to the test and cook up a bubbling brew that will reveal the real weight of water.

Potion Masters

Ingredients

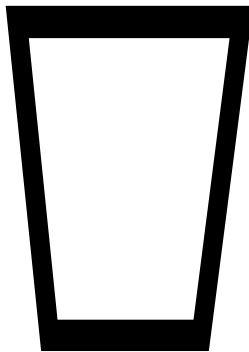
- 1 clear glass or jar
- Water
- Food coloring (You can use more than one color!)
- Cooking oil
- Antacid tablet

Brewing Instructions



1. Gather your materials.
2. Fill 3/4 of your glass with water.
3. Carefully fill the rest of your glass with your cooking oil, leaving one inch at the top.
4. Next, put five drops of color coloring all around your glass.
5. Pause and take a look at the magic potion in your jar. Draw below what you see and write your guess of what will happen when you drop your antacid tablet into your cup.
6. After you have drawn your glass and made your prediction, drop your antacid tablet into your cup and watch the magic happen!
7. Draw below what your potion looks like after one minute of bubbling.

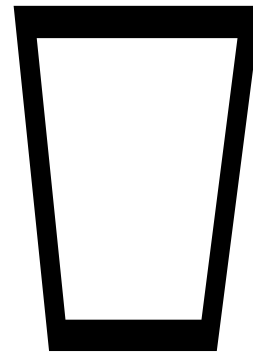
Before



Guess!

What will happen after you add your antacid?

After



Extra Fun!

1. Why do you think your oil, water and food coloring stayed separate inside of your glass?

2. Different liquids have different densities. Research density and find one common household liquid that is less dense than water and one that is more dense.

Less dense:

More dense:

