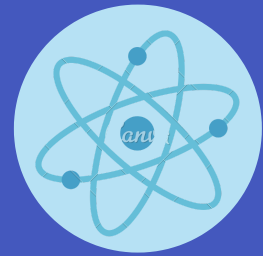


PROPERTIES OF MATTER EXPERIMENT



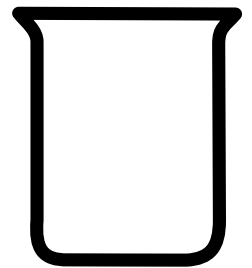
STUDENT NAME:

DATE:

PART 1: DENSITY

Pour water into a clear cup. Slowly pour the oil on top of the water. Try mixing them observe what happens!

1. Use a blue crayon for the water and a yellow crayon for the oil to color the layers in the cup that you saw in the experiment.
2. Which liquid is denser? How do you know? _____



PART 2: SOLUBILITY

Pour water into each of the clear cups. Add a spoonful of salt to the first cup and stir. Add a spoonful of flour to the second cup and stir.

1. Which substance was soluble? _____
2. Was the water the solute or the solvent? _____
3. What is another soluble material you can think of? What is it used for? _____

PART 3: MALLEABILITY

Bend and shape the aluminum foil. Observe its properties and the coins.

1. What is a malleable material that you can think of? What is it used for? _____

2. What do you think would happen if silver wasn't a malleable metal? _____
