Update a Lab Log Post..

Title:

Rainbow in a Jar Experiment

Description:

Want to make your own rainbow and hold it in

Items required:

Helvetica Neue

- Tall Glass Jar
- Food Colors: Red, Blue and Green
- 1/4 cup Honey
- 1/4 cup Blue Dish Soap
- 1/4 cup Water
- 1/4 cup Olive Oil
- 1/4 cup Rubbing Alcohol
- Jars for mixing and pouring

Steps to perform:

Helvetica Neue

1. Add one drop of red food coloring and one drop of blue food coloring to 1/4 cup of honey and stir until combined. This is create a purple color liquid. Pour the purple liquid carefully into the tall jar.
2. Next add about 1/4 cup of blue dish soap to the tall jar.
3. Then add a few drops of green food coloring to

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- Food Colors: Red, Blue and Green
- 1/4 cup Honey
- 1/4 cup Blue Dish Soap
- 1/4 cup Water
- 1/4 cup Olive Oil
- 1/4 cup Rubbing Alcohol
- Jars for mixing and pouring
- Spoons for mixing

1. Add one drop of red food coloring and one drop of blue food coloring to 1/4 cup of honey and stir until combined. This is create a purple color liquid. Pour the purple liquid carefully into the tall jar.
2. Next add about 1/4 cup of blue dish soap to the tall jar.
3. Then add a few drops of green food coloring to 1/4 cup of water and mix until combined. Then carefully pour the green liquid into the tall jar. Tip: When pouring in the green liquid, tilt the jar so the liquid runs down the side of the jar slowly.
4. Wait a few moments and then slowly pour 1/4 cup of olive oil into the jar. Tip: Again, be very careful when pouring in the liquid. Make sure to tilt the jar and pour very slowly so the colors don’t mix.
5. Add a few drops of red food coloring to 1/4 cup of rubbing alcohol and mix until combined. Then carefully pour the red liquid into the tall jar. Tip: I can’t stress enough how important it is to tilt the jar and pour slow. Otherwise the colors will mix together and you won’t get a distinct rainbow.

Reason: This experiment depicts density. The liquids mentioned here have different densities. The heaviest liquid remains in the bottom and the lightest on the top. Thus, these create a rainbow based on their densities. ....

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