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EXAMPLE 1 LEARNER'S LAB LOGS



Update a Lab Log Post.. Title:

Rainbow in a Jar Experiment

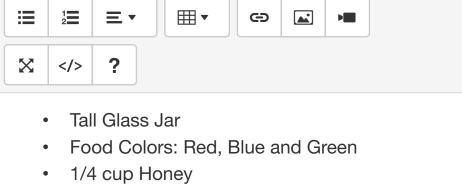
Want to make your own rainbow and hold it in

Description:

Items required:

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- 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:

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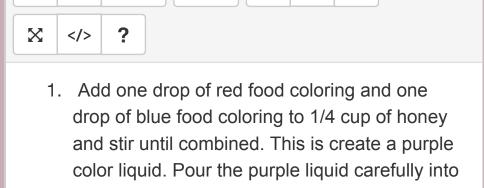
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the tall jar.

the tall jar.

2.

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3. Then add a few drops of green food coloring to Image: Currently: ecjmodjzppu59lqpbsbc Change:

Next add about 1/4 cup of blue dish soap to

Tall Glass Jar Food Colors: Red, Blue and Green

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1/4 cup Blue Dish Soap

1/4 cup Rubbing Alcohol

1/4 cup Olive Oil

1/4 cup Honey

1/4 cup Water

1. Add one drop of red food coloring and one

Jars for mixing and pouring

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

2. Next add about 1/4 cup of blue dish soap to

3. Then add a few drops of green food coloring

to 1/4 cup of water and mix until combined.

Spoons for mixing

into the tall jar.

the tall jar.

- 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. Wait a few moments and then slowly pour 1/4 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.

Update