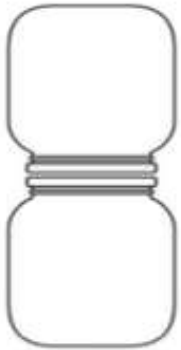
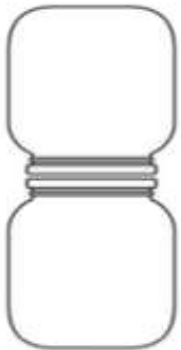


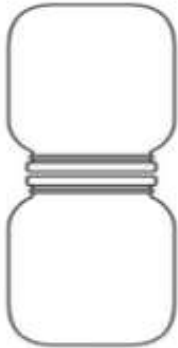
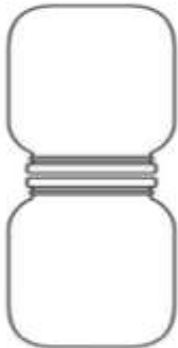
Investigative Series #5: Martinelli Bottles

1. Your teacher will do the following demo. Read through the procedure, draw the set up and make sure you label if the bottles are hot or cold. Make predictions of what will happen before your teachers allow the water to mix.
 - a. Take four, small, empty, Martinelli's apple juice jars. Put a few drops of blue food coloring into two of them, and put a few drops of yellow food coloring into the other two. Pour very cold water into the 'blue' jars to fill to the brim (blue for cold as a reminder). Pour very warm water into the two "yellow" jars to fill to the brim.
 - b. Cover the top of a blue jar with a smooth plastic ID card, turn the jar upside down, rest it perfectly on top of a yellow jar. Holding the jars in place, to keep them connected, gently slide out the card as smoothly as possible. Note what happens.
 - c. Do the reverse, with the yellow jar on top of the blue jar.

Labeled Diagram	Prediction	Observation
		
		

Investigative Series #5: Martinelli Bottles

1. Your teacher will do the following demo. Read through the procedure, draw the set up and make sure you label if the bottles are hot or cold. Make predictions of what will happen before your teachers allow the water to mix.
 - a. Take four, small, empty, Martinelli's apple juice jars. Put a few drops of blue food coloring into two of them, and put a few drops of yellow food coloring into the other two. Pour very cold water into the 'blue' jars to fill to the brim (blue for cold as a reminder). Pour very warm water into the two "yellow" jars to fill to the brim.
 - b. Cover the top of a blue jar with a smooth plastic ID card, turn the jar upside down, rest it perfectly on top of a yellow jar. Holding the jars in place, to keep them connected, gently slide out the card as smoothly as possible. Note what happens.
 - c. Do the reverse, with the yellow jar on top of the blue jar.

Labeled Diagram	Prediction	Observation
		
		

Statement of Understanding

Pick ONE phenomenon from Investigative Series #3 through #5 and write a statement of understanding to explain what you observed. Use the guidelines below to help you.

We Investigated what we used... what we did... what we saw... what we now know...

The evidence that _____ was that _____.

It was _____ that caused that change to happen.
