**Lemonade Stand**

Do this experiment after doing the concentration lab.

**OBJECTIVE:**

Make the best lemonade or limeade recipe.

**TERMS TO GO OVER:**

Concentration

**LAB MATERIALS:**

* Lemons
* Limes
* Sugar
* Teaspoons
* Water
* Clear cups
* Spoons

**GROUP LEADER/VOLUNTEER/TLC ROLE**

Assist the students

**SETUP PROCEDURE**

1. Squeeze juice out of lemons and limes and the juice into cups
2. In separate cups (4 per group), make a line where it is 50ml
3. Set out the 4 cups and label them 4mL, 6mL, 8mL, and 10mL

**LAB PROCEDURE**

1. Measure out 1tsp of sugar into each of the 4 cups
2. Choose either lemon or lime juice
3. Measure out 4mL, 6mL, 8mL, and 10mL of juice into their respective cups
4. Add fresh water to the cups until they reach the 50mL mark
5. Taste which of the concentrations they prefer
6. Optional: take the concentration of lemon or lime juice and then test with different concentrations of sugar.