**Concentration Taste Test**

**OBJECTIVE:**

Test how small of a concentration of lemon or lime juice the student can taste.

**TERMS TO GO OVER:**

Concentration

Dilution

**PRE-LAB DEMONSTRATION MATERIALS:**

* Water
* Food coloring
* Syringe
* 10mL cups

**PRE-LAB DEMONSTRATION PROCEDURE:**

1. Put 10mL of food coloring into the first cup
2. Take out 1mL of food coloring out of the first cup and put it into a 2nd cup
3. Fill the 2nd cup with 9mL of water
4. Repeat until the food coloring is no longer visible

**LAB MATERIALS:**

* Lemon
* Lime
* Water
* Syringe
* 10mL cups
* Spoons

**GROUP LEADER/VOLUNTEER/TLC ROLE**

Assist the students throughout the experiment

**SETUP PROCEDURE**

1. Squeeze the juice out of the lemons and limes

**LAB PROCEDURE**

1. Same as pre-lab demonstration, except with lemon or lime juice
2. Repeat until can no longer taste