

Experiment #1

- 5 tbsp lemon juice
- 5 tbsp simple syrup (Heat $\frac{1}{2}$ cup of sugar in $\frac{1}{2}$ cup of water until the sugar is dissolved and let cool, you might need the help from adults for this part)
- Liquid measuring cup that holds at least 4 oz.
- Teaspoon measure
- Food coloring (optional, but will make the layers easier to see)
- Large glass filled with ice

Experiment #2

- Lemonade made in previous experiment (or separate glass of lemonade)
- 1 teaspoon baking soda
- Glass
- Teaspoon measure

Experiment #3

- 1 cup fruit juice (can use lemonade from previous experiments)
- 2 cups ice
- 1 cup salt
- 1 resealable plastic sandwich bag
- 1 quart sized resealable plastic bag.
- Liquid measuring cup