

Experiment Details for Session 7: **FRUITS**

Reminder: All experiments recreated at home should be done under the supervision of a parent or guardian to ensure the safety of the child. No experiments listed should cause any harm!

Dancing Raisins

Materials:

1. 2 tall clear cups/containers
2. Carbonated soda (we used sprite!)
3. Water
4. Raisins (dried cranberries work as well)

Procedure:

1. Pour some water into a clear cup/container
2. Pour some carbonated soda into a different cup/container
3. Drop a few raisins into the water filled cup
4. Observe what happens!
5. Drop a few raisins into the carbonated soda filled cup
6. Observe what happens!

Lemon Explosion

Materials:

1. A plate
2. Lemon juice or fresh lemons
3. Baking soda
4. Dish soap
5. Any cup or glass

Procedure:

1. Pour about one tablespoon of baking soda in you glass
2. Pour one teaspoon of dish soap into the cup and stir it with the baking soda
3. Take two tablespoons of lemon juice, or if using a fresh lemon, squeeze half a lemon into any bowl
4. Pour the lemon juice into the cup and watch the foamy explosion!

Fruit Oxidation

Materials:

1. An Apple
2. A lemon

3. A banana
4. 2-3 plates
5. A knife

*Reminder: Students please make sure to have a parent/guardian do the cutting for you.

Procedure:

1. Cut the apple in half
2. Cut the lemon in half
3. Squeeze and rub the lemon juice onto one half of the apple (make sure the other half doesn't have lemon juice on it!)
4. Repeat process 2-3 for a banana
5. Put both halves of the apple and banana into each plate and wait for 3 hours (or more).
6. Compare all the fruits!