

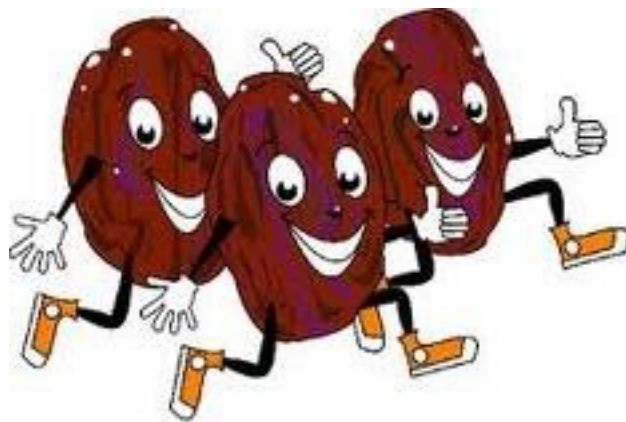
DANCING RAISINS

OBJECTIVE :

Students will test how long it takes for the raisins to stop “dancing.”

MATERIALS :

- 2- 300 mL beakers
- 2- graduated cylinders
- $\frac{1}{2}$ teaspoon measuring spoon
- $\frac{1}{4}$ teaspoon measuring spoon
- spoon
- plastic knife
- Baking soda
- water
- vinegar
- 6 raisins
- stopwatch



PROCEDURES :

1. Pour 150 ml of water into each of the 300 mL beakers.
2. Pour 10 mL of vinegar into each of the graduated cylinders.
3. Measure out $\frac{1}{4}$ **teaspoon** baking soda and mix into one of the **WATER beakers** until dissolved.
4. Measure out $\frac{1}{2}$ **teaspoon** baking soda and mix into the other **WATER beaker** until dissolved.
5. Cut 3 raisins in half on a paper towel and put them in one of the baking soda/ water solution.
6. Cut the other 3 raisins in half on a paper towel and put them in the other baking soda/water solution.
7. At the same time, pour 10 mL of vinegar from one graduated cylinder into one of the beakers and pour the other 10 mL of vinegar from the other graduated cylinder into the other beaker.
8. Time how long it takes the raisins to stop “dancing”
9. Record on your student data sheet.

CLEAN UP :

Put raisins in trash. Dump liquids in sink and rinse well. Clean and dry all lab equipment.