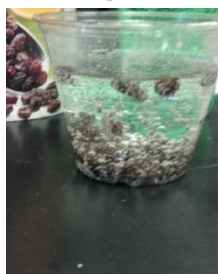




California State University of Bakersfield, Department of Chemistry

Dancing raisins



Standards: 5-PS1-3, MS-PS1-4

Introduction:

What do you think would make a raisin dance? Would it be the music or something else? Well this experiment is going to describe how to make a raisin dance!

Materials:

- Water
- Baking soda
- White vinegar
- Raisins
- A tall, clear glass

Safety:

- Always have an adult with you to help you during your experiment.
- Always wear eye protection and gloves when doing chemistry experiments

Procedure:

1. Measure out 1 cup of water and pour it into a tall, clear glass.
2. Add 1 tablespoon of baking soda.
3. Mix it up until the baking soda dissolves in the water.
4. Next, drop in the raisins.
5. Finally, slowly pour in the magic ingredient- a $\frac{1}{2}$ tablespoon of white vinegar
6. Ta da! The raisins will start dancing, bobbing up and down in the glass.

Data and Observations:

Record your observations in this space

What did you see? Something really awesome? Describe it here.

Questions:

How long did it last for?

How high did the raisins go?

References:

Parentsconnect.com

http://www.parentsconnect.com/parenting-your-kids/activities/science-experiments/rockin_raisins.html,

(accessed July 23, 2012)