

DANCING RAISINS

PURPOSE: Children will observe the effects of carbonation on a raisin

MATERIALS:

Book Topic: carbonation, carbonated soda, carbon dioxide

Glass or plastic tumblers

Carbonated soda

3-5 raisins



PROCEDURE:

1. Fill a glass with water.
2. Have family member(s) predict what will happen when the raisins are put into the water.
3. Place the raisins in the glass.
4. Observe. What happens to the raisins?
5. Fill a glass with a carbonated drink.
6. Predict what will happen when raisins are put into the carbonated drink.
7. Place the raisins in the drink.
8. Observe. What happened to the drink?
9. Observe the raisins at the bottom and at the top of the glass. How do they differ?

HOW IT WORKS: The bubbles in the carbonated sodas are formed by a gas called carbon dioxide. Gas molecules move around very quickly. The bubbles attach themselves to the raisins which move in the same direction as the gas bubbles.

WRITING PROMPT:



You observe what happened when bubbles attached themselves to the raisins.

Think about your observations.

Write about what you observed, illustrate your writing.

Parent Signature: _____

FAMILY SCIENCE PROJECT

Date: _____

Name: _____

Teacher: _____

Hypothesis (What do you think will happen?)

Date/Observation:

Conclusion: (What you learned or discovered):

*(*You may continue your observation on another sheet. You may want to create a graph to record your data.)*

For the reading portion of Family Science, you may choose to read a book or an article, OR you may use the Internet in order to find some background information concerning this Family Science Project. If you read a book or an article, please include the complete title and author. If instead you looked up the information on the Internet, please include the complete website.

We read the following book, **OR** researched the information on the Internet:

Book Title: _____ Author: _____

Internet-Complete Website _____

Writing Prompt (minimum 5 sentences)
