

## Dancing Raisins

**WebQuest Description:** When you put raisins in glass of water, what happens? They will sink of course. So is it possible to make those raisins rise to the top? Yes, indeed it is.

**Grade Level:** K-2

**Curriculum:** Science

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### Introduction

Introduction: Have you ever wondered about why some things "sink" and some things "float"? You might even think that bigger things sink and smaller things float, but in the weird and wonderful world we live in, that's not actually true! There are far more reasons behind the mystery of sinking and floating.

### Tasks

Task: Today we are going to learn the concepts of "sinking" and "floating" through a science and sensory experiment called Dancing Raisins. In this cool science experiment, you will learn and demonstrate how to make raisins "dance" up and down in a glass or bottle, using nothing more than a few items that you generally find in a kitchen. Turn on some dance music and observe the raisins begin to dance (float) their way to the top of the bottle. The raisins will dance until they run out of gas. Literally!!!!  
Questions: What do you think will happen when you begin to drop the raisins in the soda? What do you think would make the raisins dance? What do you think would happen if you put the raisins in water? Now drop a raisin into the glass. What do you notice? At first they sink, but then something changes. Look at the raisin covered in bubbles. The gas bubbles have increased the raisin's volume. Up, up, up it goes! Once the raisin reaches the top, it sinks. Then it floats again. What's going on?

### Process

What You'll Need: A bottle of clear soda (7-Up or Sprite) A box of raisins A tall clear glass or bottle  
Instructions: 1. Pour soda into the glass or bottle. 2. Drop four or five raisins into the glass. 3. Watch to see what happens!

### Evaluation

Evaluation:

Category and Score					Score
				Total Score	

### Conclusion

Conclusion: So, what makes raisins dance? After about a minute, you will observe the raisins moving up and down in the glass. Watch how the bubbles control the movements of the raisins! The reason why the raisin floats to the top is because the bubbles stick to the sides of the raisin and make the raisin more buoyant. Buoyant means that something floats more easily. The bubbles make the raisin float in the way that a life jacket makes a person float.

