JR-SCIENTISTS

DANCING RAISINS

Is it science or magic? This is a super simple and fun way to explore states of matter, density, and more!

SUPPLIES

Raisins
Club soda
or Clear soda
Glass

INSTRUCTIONS

STEP 1: Fill the glass almost 3/4 full with club soda.

STEP 2: Add a small handful of raisins to the soda.

STEP 3: Watch the raisins drop to the bottom of the glass, float to the top and back down again for several minutes.

(If for some reason club soda does not work, try Sprite or another clear soda.)

THE SCIENCE OF BUOYANCY

Initially, you observed that the raisins sunk to the bottom because they are heavier than the water. However, the soda has gas in it which you can see with the bubbles.

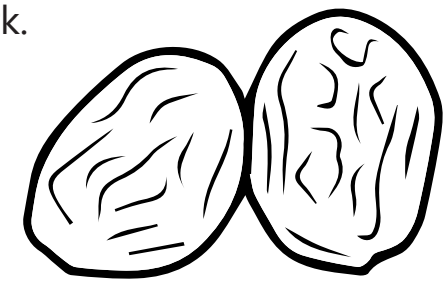
The bubbles attach themselves to the surface of the raisin and lifts it up! When the raisin reaches the surface, the bubbles pop and the raisin falls back down. The bubbles are key to making the raisins dance!

Can your kiddos identify the solid, liquid, and gas in this activity? What if you compare it to a glass of water? What happens when the raisins are placed in only water?


Schweppes
CLUB
SODA
1 LITER
SUN-MAID
Golden
Raisins

Dancing Raisins Observations

Use this worksheet to process and evaluate your work.



What happened when you put the raisins in the soda water?

Leave the glass out overnight. What did you observe the next day?

What makes the raisins rise to the top?

What did you learn about buoyancy?