

Name _____

Raisin Experiment

question:

When I put raisins in Sprite, what will happen?

my hypothesis:

- a) I think the raisins will explode.
 - B) I think the raisins will sink to the bottom.
 - C) I think the raisins will dance up and down.
 - D) I think the raisins will float to the top.
 - E) I think:
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conclusion: Draw a picture and write about what happened in our experiment.



Raisin Experiment

directions

supplies:

1 liter of Sprite/7up

Box of raisins

clear cups

Procedure:

Have the students make a hypothesis about what they think will happen if they place raisins in a cup of sprite.

☛I have my students vote on a graph also.

Give each group of 5 students one cup and 5 raisins (one for each student in the group).

Walk around and put the sprite in each of the cups (shake the Sprite up a bit) and have the students place their raisin gently in the cup immediately after you put the Sprite.

they will need to observe for a couple of minutes and right before their eyes, the Raisins will Dance!

fyi

The Sprite has carbonation (or fizz as 6 year olds like to call it). The raisins are denser than the Sprite so it initially sinks, but the drink releases carbon dioxide bubbles. When the bubbles stick to the raisin, it increases it's buoyancy and makes the raisin float.

When the raisin reaches the surface, the carbon dioxide bubbles are popped (released into the air).