

RAISINS & SPRITE: A Scientific Method Activity

MATERIALS: 1 can of Sprite (or an equivalent amount of any transparent carbonated beverage)
1 small box of raisins
1 transparent glass or plastic cup

PROCEDURE: Slowly pour the Sprite into the glass or cup until it is about 3/4 full. In the space below, make observations of the Sprite that's in your cup, and, yes, you may taste it. Pour a few of the raisins onto a paper towel and make observations of them below. Put one or two raisins in your Sprite and record your observations below.

OBSERVATIONS: Describe the Sprite and raisins. What do you see? How do they behave? (At least 20.)

HYPOTHESIS: Did you see the raisins dance (move up and down) in the Sprite? Formulate a hypothesis why you did or did not. Remember, you can't have anything in your hypothesis that you don't also have in your observations. Begin your hypothesis with "Based on my observations....".

EXPERIMENT: Design at least 5 experiments to test your hypothesis. List the experiments and the results below. If you need more space, use the back of this page.

1. _____
2. _____
3. _____
4. _____
5. _____

CONCLUSION: On the back of this page, use your observations and experimental results as a rationale to form a theory to explain the behavior of raisins in Sprite.