

Name _____

Carbonated Raisins-Scientific Method

Objective:

Students will learn the steps of the scientific method by conducting a simple experiment to see what happens when raisins are placed in a glass of carbonated water.

Materials:

- 1 clear glass or cup
- Carbonated water (like club soda or sparkling water)
- Raisins
- Notebook and pencil for recording results



The Scientific Method Steps:

Ask a Question:

What will happen if we put raisins in a glass of carbonated water? Will they float, sink, or do something else?

Make a Hypothesis: (What do you think will happen?)

Plan the Experiment: Here's how we will test our hypothesis:

Pour the carbonated water into the clear glass.

Drop a few raisins into the glass and observe.

Students:

Watch closely! What do you see? Do the raisins sink, float, or do something else?

Observe and Record Results: Now we need to observe what happens and record it. Watch carefully and write down what you see. Draw a picture of what you saw and write a sentence describing what happened.

Conclusion: Now it's time to make a conclusion. What did we learn from this experiment?
