



experiment...

Bobbing Raisins



You will require:

- > A clear glass
- > A clear carbonated drink - for example, lemonade
- > 4-6 raisins

Directions:

1. Pour the drink into a glass.
2. Drop the raisins in.
3. Observe the raisins.

What do you think will happen?

Observe:

- > The raisins bob up and down because of the carbon dioxide gas bubbles in the drink.
- > They are less dense, meaning their molecules are not as close together as the molecules in the raisins or in the drink.
- > Once the raisins start bobbing, they will continue to do so for about an hour.
- > The raisins will drop because they are denser than the carbonated drink.
- > Gas bubbles will attach to the wrinkles on the raisins.
- > When bubbles cover the raisins, they become less dense than the drink, so they will start to rise.
- > When the bubbles burst, the raisins again become more dense than the drink, so will start to sink again.

