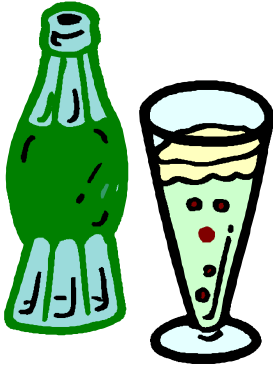


Discrepant Event: Dancing Raisins



Add raisins to Sprite or light-colored soda, and after a few minutes, watch the raisins dance up and down in the glass. Have students ask questions to which the teacher will respond with a "yes" or "no" answer. Applying the information they gain from asking questions, students are to then formulate a hypothesis to explain what they observe.

Background: Carbon dioxide gas comes out of solution and clings to the surface of the raisins. Once enough gas surrounds the raisins, the density of the raisin and gas overall is less than the density of the soda. Thus, the raisins rise to the top. Gas is released, and once again, the raisins sink to the bottom where the process begins again.