Dancing Raisons

The Action Raisons added to a mixture of baking soda and vinegar will "dance" up and down in the jar.

Grade Level
Grade 1 – Motion
Grade 3 – Properties of Matter
Grade 5 – Matter and its changes
Grade 7 – Force and Motion
Grade 9 – Fluids and Pressures

Materials
Clear Jar
Vinegar
Baking Soda
Raisons

Instructions
Fill the jar about half full with vinegar.
Add the raisons.
Add baking soda a little at a time until you observe the raisons in motion.

Safety
Adding the baking soda slowly in small amounts will avoid a large mess.
Make sure the students do not eat the raisons after the experiment

Hints If raisons are not effective try small pieces of spaghetti. Add some food coloring to the vinegar so that the spaghetti is easier to see.

Science Principle This is a good example to show children how two substances can create a reaction. The baking soda causes the vinegar to release carbon dioxide gas. The gas bubbles then stick to the raisons and cause them to bounce up and down in the liquid.