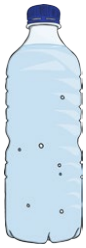
Dancing Raisins

Materials

Raisins

Still water

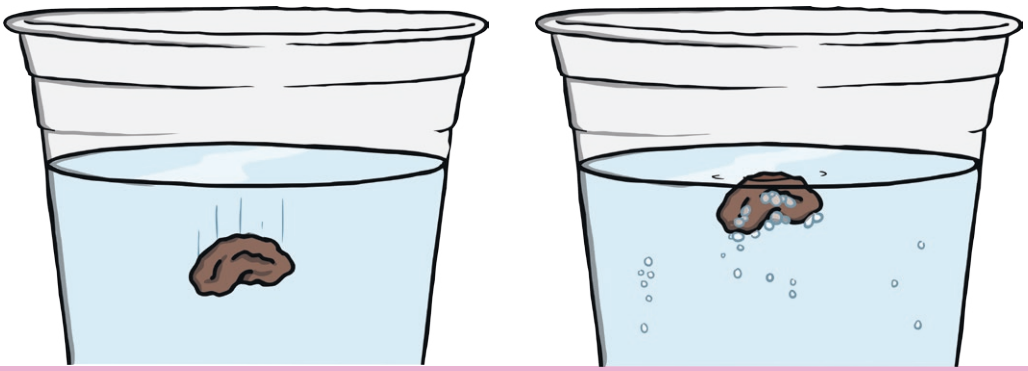


Fizzy Water

Two clear, plastic cups

Instructions

1. First, carefully pour some still water into a clear, plastic cup.
2. Gently, drop a raisin into the water. Did it float or sink?
3. Next, pour some fizzy water into a different clear, plastic cup.
4. Gently drop a raisin into the water. Did it float or sink?
5. What was the difference between the two reactions. Why do you think this was?



The Science Bit

In the still water cup, the raisin sinks because the raisin is denser than the water.

In the fizzy water cup, the raisin is again denser than the water. However, the bubbles get trapped in the grooves of the raisin, helping it to float back to the surface. When the bubbles pop, the raisin sinks back down.