



Dancing Raisins

EQUIPMENT	<p>A jar of water, A jar of clear fizzy drink, e.g. 7-UP or soda water (freshly-opened: must be very fizzy)</p> <p>A handful of raisins</p>
PREPARATION	None
BACKGROUND INFORMATION	<p>The raisins are heavier than the drink so they sink to the bottom. At the bottom of the fizzy drink they collect bubbles of carbon dioxide and now the 'raisins + bubbles' are lighter than the drink so they rise to the surface.</p> <p>When they reach the surface the gas bubbles burst and the raisins sink; then they collect more gas bubbles etc.</p> <p>This will continue as long as the drink is quite fizzy.</p>
SKILLS	Observing
ACTIVITY	<p>(Note: this may be best done as a demonstration – something going on in the background during another activity)</p> <p>Drop a handful of raisins into a jar of water. (They sink to the bottom.)</p> <p>Drop a handful of raisins into a jar of freshly opened fizzy drink.</p> <p>After a while the raisins will rise to the surface, sink, rise again, etc. thus dancing up and down.</p>
SAFETY	Care with liquids
FOLLOW-UP ACTIVITY	<p>Weigh the raisins before and after the activity.</p> <p>Do you notice anything?</p> <p>Can you explain?</p>

