

DANCING RAISINS

You will need: 1 handful of raisins
Sparkling water
1 handful of raisins

What to do:

1. Fill the glass container with sparkling water.
2. Add the raisins carefully one by one into the glass container.
3. Observe the container closely for several minutes.

TIPS:

- If you do not have sparkling water, you can use water with baking soda.

AFTER THE INVESTIGATION

Write down your observations.

Draw your ideas.



LEMON BOAT

You will need: 1 unpeeled lemon 1 glass jug filled with water
1 peeled lemon

What to do: Take turns adding the peeled and the unpeeled lemon to the water jug.
What can you see? Does anything surprise you? Can you explain what you observe?

AFTER THE INVESTIGATION

Write down your observations.

Draw your ideas.

WATER BALLOONS

You will need: 4 water balloons

1 large bowl/basin filled with water

- What to do:**
1. Fill a water balloon with water and tie a knot to close it.
 2. Fill the second water balloon with water – but now use less water than you have used for the first water balloon. Additionally, blow some air into the water balloon and then tie a knot to close it.
 3. Fill the third water balloon with very little water.
 4. Do not put any water in the fourth water balloon.
 5. Put all the water balloons in the water bowl and observe what happens.

HOW DO YOU EXPLAIN THIS?

BUOYANCY IN WATER

You will need: Play dough 1 large bowl filled with water

What to do:	<ol style="list-style-type: none"> 1. Roll the play dough in your hands until it has formed into a ball. 2. Hold the ball close the water surface and let it drop into the water. Make sure to make a note beforehand of what you think might happen once you will drop it. 3. Change the shape of the play dough into a small bowl. 	<p>Hold the bowl close above the water surface and let it drop into the water.</p> <p>Again, make sure to make a note beforehand of what you think might happen once you will drop it.</p>
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HOW DO YOU EXPLAIN THIS?

