Science Fair Projects

Pre-K to 2nd Grade

Water (density)

Purpose

To see if an egg can float on the top of a glass of water.

Materials

Clear drinking glass, tablespoon, egg, salt, and water.

Experiment

Fill the drinking glass ¾ full of water. Drop the egg in the glass. Record what happened on the record page.

Remove the egg. Add one tablespoon of salt and stir. Drop the egg back into the glass. Fill in the record page to show what happened.

Remove the egg again. Add one more tablespoon of salt and stir. Drop the egg into the glass again. Fill in the record page again.

How many tablespoons of salt does it take to make the egg float to the top of the glass? In each picture draw an egg in the glass to show what happened.

Results: The egg sunk to the bottom of the glass of plain water because it was heavier than the water. When you added salt to the plain water, the water became more dense. The egg then floated because it was not as heavy as the dense saltwater.

This project is from Daryl Vriesenga's book, *Science Fair Projects, Grades 1-3*, Michigan, Schaffer Publications, 1992. The Guide is available on line at: SchooDoodle.com