

Name _____

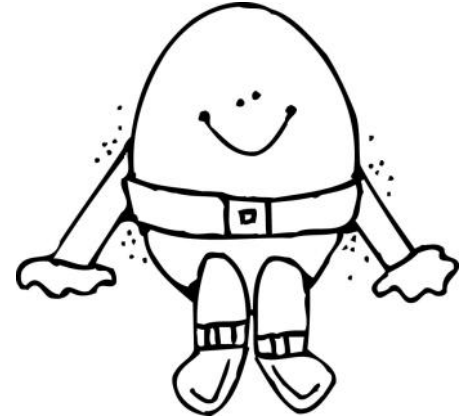
Sink or Float-Scientific Method

Objective:

Students will learn the steps of the scientific method by conducting an experiment to find out how salt affects the ability of an egg to float in water.

Materials:

- 2 clear cups or small bowls
- Water
- Salt
- 2 raw eggs
- A spoon
- Measuring spoon (tablespoon)
- Notebook or paper for observations



The Scientific Method Steps:

Ask a Question:

Can an egg float in water, and what happens if we add salt to the water?

Make a Hypothesis: (What do you think will happen?)

Conduct the Experiment: Here's how we will test our hypothesis:

Step 1: Test the Egg in Plain Water

- Fill one cup with plain water.
- Carefully place one egg into the water.

Observe what happens.

What do you see? _____

Step 2: Test the Egg in Salt Water

- Fill the second cup with water.
- Add 6 tablespoons of salt to the water, stirring well until it dissolves.
- Carefully place the second egg into the salty water.

Observe what happens.

What do you see now? _____

Conclusion: Now it's time to make a conclusion. What did we learn from this experiment?
