

Name: _____

Due Date: _____

**EXTRA CREDIT
SCIENCE EXPERIMENT
OF
THE MONTH**

IN THIS EXPERIMENT STUDENTS WILL LEARN THESE IMPORTANT
SCIENTIFIC PRINCIPLES:

- SALT DISSOLVED IN WATER INCREASES THE DENSITY OF WATER
- DENSER LIQUIDS ARE BETTER AT KEEPING OBJECTS AFLOAT

Research Question (What do you want to find out?): What will happen to an egg in a glass of fresh water if salt is added to the water?

Hypothesis (What do you think?): I think the egg will _____

Materials: uncooked ordinary egg, large glass, water, salt container

Procedure (Steps you will take to find out.):

1. Carefully place an egg into a large glass $\frac{1}{2}$ filled with fresh water.
2. Observe where the egg is in the glass.
3. Slowly pour salt into the water. Observe what the egg does. See picture below.



Observations (What I saw.):

First I saw the egg _____

in the fresh water. Then when I added the salt the egg _____
