Science	Name
Density Lab	Date
	Can Eggs Float?
dense than ai there are in ai	een helium balloons floating up in the sky. Helium floats because it is less inthere are fewer particles in the same amount of space in helium than r. Today, we are going to try to add so many particles of salt to water than eless dense than water, and will therefore "float".
Problem: Ho	ow much salt does it take to get an egg to float on water?
is. Take a pie	u can hypothesize about this, you need to find out how much a gram of salt see of loose-leaf paper and find its mass on the triple beam balance. Record
gram on the s	per on the scale and add salt on the paper until you have put an additional cale. Don't forget that the paper also has a mass. When you have one gram look at how much salt there is, and use that information to answer your
Hypothesis:	IF I add grams of salt to fresh water, THEN I will be able to float
an egg BEC/	AUSE
VARIABLE	
VARIABLE	
Materials:	Salt Triple beam balance One sheet of loose-leaf paper 500 ml beaker 300 ml water Egg
Procedure:	 Fill beaker to 300 ml mark with water. Add salt ONE GRAM at a time. After each addition of salt, put the egg in the beaker to see if it floats. Remove the egg before adding more salt. When the egg floats record the number of grams required for your egg to float. If you have additional time, complete another trial following the same steps.

See side two

ata:	Total grams of salt required to float an egg:	(Did you add units?)
	Trial two (if applicable):	
onclu	usions:	
1	11	at an egg on top of fresh water?
	How many grams of salt were required to floo	a air egg on top or iresii water.
	Why did adding salt to water make the egg f	
2.		oat?