



Simple Science



Let's explore salt water



Needed Materials: 2 eggs, water, salt, 2 clear glasses, tablespoon

Directions:

1. Fill the glasses with equal amounts of water.
2. Gently put an egg into one glass. What happens to the egg?
3. Put 6 Tablespoons salt into the other glass and stir.
4. Gently put an egg into the salt water. What happens to the egg?

Science: The ocean, like in Pout- Pout Fish in the Big, Big, Dark, is made of **salt water**. The water in our homes, lakes, rivers, and streams is not salt water. Salt water is different than **fresh water** in one exciting way. Why does the egg in the salt water float while in fresh water it sinks?

When you add salt water to fresh water it makes the water **denser** than the fresh water. It is easier to float when the water is dense, it holds you up better.

???Questions to Ponder???

What if I put in less salt than 6 Tablespoons?

Are there other objects I can test out in the fresh and salt waters?

What would happen if I put in sugar instead of salt?