

Okay, let's imagine that water is like a big clear box you can fill with different things. When we add salt to the water, we are putting tiny pieces of solid salt into this big box of water. Here's what happens step by step:

1. **What is Density?** Density tells us how much stuff is in a certain space. If something is very dense, it means there is a lot of stuff in a small area.
2. **Adding Salt to Water:** When we pour salt into water, the salt dissolves, which means it mixes in really well with the water. This makes the water heavier because now it has the weight of the salt added to it.
3. **Making the Water Denser:** Because we have added more stuff (the salt) to the same amount of water, we have changed the density of the water. It's like adding rocks to a box of feathers – the box gets heavier!
4. **What Happens to Objects?** When we put something into the salty water, the new, more dense water can affect what happens. For example, if we put an egg into regular water, it might sink. But if we put it into salty water, sometimes it can float because the salty water is heavier than the egg.

So, by adding salt to water, we make the water denser, which can change how things behave in it!