Density and Ocean Water Exit Slip

1) Which water had a higher density? Why?

The blue water, which represented marine water, had the higher density of the two. The blue water had the higher density because it contained the ten grams of salt.

2) What happened to the two water masses? Why?

The yellow water, which represented fresh water, floated on top of the blue water, which represented marine water, because it was less dense.

3) What connection does this make to the real world?

Ocean water has a higher density than fresh water. This is what drives ocean currents that are further beneath the surface where wind is not a factor.