8. Ocean Water

Large bodies of water such as lakes and oceans help determine the climate of an area.

**Key Question:** How does density determine movement of water?

**Materials:**
- Clear Bowl
- Plastic bottle
- Table salt
- Blue food coloring

**Procedure:**
Mix ¾ cup of water with 6 tablespoons of salt. Add blue food coloring to make the salty water a deep blue.

Fill the bowl half full of water. View the bowl from the side as you pour the blue saltwater down the side of the bowl.

Think about what happens when a fresh water river, such as the Mississippi River, flows into a salty body of water such as the Gulf of Mexico.