



## Coral Reefs and Beyond 3-5 Post-Visit Material

Thank you for your visit to the Putnam Museum. We strive to provide high-quality programs and hope that you and your students enjoyed your time with us. We appreciate your time and all you do for your students. Thank you for letting us be a part of their learning!

### Further activities for your classroom:

#### Salt Water vs. Freshwater

Materials: one or two raw eggs, two glasses or jars filled with water, salt

Directions:

1. Ask students if they think an egg will sink or float in water.
2. Place the egg in the water. (It will sink.)
3. Now with the other glass or jar let students mix salt into the water. (You will need a lot of salt, if you use a jar it works best to shake the water and salt for a while so that it mixes well.)
4. Take the egg out of the first jar, or place another egg, in the salt water glass. (The egg should float.)
5. Discuss water density in relation to an ocean animal's weight. Compare the salt water to ocean water and ask students again if they think an egg will sink or float in water!



#### Water Pressure

Materials: Plastic Jug or Tall Container with four vertical holes, duct tape, tray, water

Directions:

1. Put four vertical holes in the container.
2. Cover the holes with duct tape
3. Fill the container with water.
4. Place bucket beneath the water container to catch the water.
5. Rip off the duct tape and watch the water pressure.
6. Discuss why water pressure is greater in deeper waters. Have students explore ideas about which ocean creatures would need to adapt to severe ocean pressure.

