

Name: \_\_\_\_\_

Science Chapter 8  
**Test on Monday, May 14<sup>th</sup>**  
*Study Guide due Thursday, May 10<sup>th</sup>*

**Things to know:**

- A \_\_\_\_\_ fish is caught for its meat and for the oil in its liver, which is high in vitamins A and D.
- The \_\_\_\_\_ is unique because it always leaves the ocean and returns to the stream where it was born to lay its eggs.
- The \_\_\_\_\_ has huge wing-like fins which make it appear to fly through the water.
- The \_\_\_\_\_ shark is the largest fish of all.
- Grenadiers, viper fish, and other fish that live near the ocean floor are strange looking because of their huge mouths and \_\_\_\_\_ teeth.
- The \_\_\_\_\_ shark is a man eater.
- Fish are able to get oxygen from the water with their \_\_\_\_\_.
- The largest animal that has ever lived is the \_\_\_\_\_.
- Sperm whales are hunted for their \_\_\_\_\_ and \_\_\_\_\_.
- The \_\_\_\_\_ has the largest brain and is thought to be the most intelligent invertebrate.
- Ocean currents are moved primarily by \_\_\_\_\_.
- The people of \_\_\_\_\_ (continent) enjoy a moderate climate due to warm water brought by the Humboldt current.

- \_\_\_\_\_, who made many important discoveries about “the paths of the sea”, used messages in bottles to help perform his experiments.
- Ocean currents carry a) cold, b) warm , c) cold and warm water. (circle one)
- A knowledge of ocean \_\_\_\_\_ helps make sea travel quicker.

\* **Know** the following about the continental shelf- it contains flourishing plant life; it’s along the edges of the continents; it’s made primarily of mud and sand deposited by rivers as they empty into the ocean; it has shallow water; it contains almost all the fish that are caught to be sold for food; it contains rich oil fields.

\* **Know** the following about the ocean floor- it’s at the bottom of the ocean; it contains long mountain ranges called oceanic ridges; it has deep trenches at its base; it contains underwater volcanoes.

- Churning waves help to make minerals and rocks into \_\_\_\_\_.
- \_\_\_\_\_ water is denser than \_\_\_\_\_ water because it contains salt.
- \_\_\_\_\_ water freezes at 32 degrees F, but \_\_\_\_\_ freezes at 28.5 degrees F.
- The scientific study of the sea or ocean is called \_\_\_\_\_.
- The deepest known spot in the ocean is located in the \_\_\_\_\_, which is in the Pacific Ocean.

\* **Know** that the following animals are Mammals- blue whale, dolphin, porpoise

\* **Know** that the following animals are Fishes- salmon, tuna, and white shark

\* **Know** that the following animals are Invertebrates- jellyfish, octopus, oyster, sponge.