Marine Biology Chapter 8: Study Guide

Tetrapods

Vocabulary

Tetrapods Lungs

- Know the characteristics that tetrapods developed for life on land
- Know how groups of tetrapods evolved from marine fish

Marine Reptiles

Vocabulary

Ectotherms Sea snake Saltwater crocodile

Sea turtles Marine iguana

- Know the general characteristics of reptiles
- Know the reptiles that we talked about and the characteristics of each including reproduction

Leatherback turtle Green turtle

• Know the blue box on page 168 The Endangered Sea Turtles

Sea birds

Vocabulary

EndothermsPelicansGullsSeabirdsCormorantsTernsPenguinsFrigate birdsShorebirds

Tubenoses Guano

- Know the general characteristics of birds
 - Know the birds we talked about and the characteristics of each including reproduction

Galápagos island penguin Emperor penguins

Marine Mammals

Vocabulary

Placenta Polar bear **Porpoises** Blowhole Seals Manatees Blubber Dugong Baleen whales Sea lions Sea cows Whaling Fur seals Cetaceans Beak **Pods** Walrus Whales

Sea otter Dolphins

- Know the general characteristics of marine mammals
- Know the marine mammals we talked about and the characteristics of each including some of the issues facing them
- Know the blue box on page 177 The Whales that Walked to Sea

Biology of Marine Mammals

Vocabulary

Spout Bends Clicks

Blow Echolocation Vocalizations

- Know how marine mammals are able to dive and swim while still being able to breathe
- Know what echolocation is and what its purpose is
- Know the general behavioral characteristics of marine mammals
- Know what migrations are and the most famous migrations of the gray whale
- Know the blue box on page 187 The Other "Big Bang Theory"
- Know the blue box on page 188 How Intelligent Are Cetaceans