Marine Biology Exam 3 Study Guide

* Review all Chapters and Powerpoints
* Review marine vertebrate classification sheet (on website) – **know this classification!**  Make flashcards
* What are the characteristics of chordates?
* Is Chordata a phylum? Is Vertebrata a subphylum?
* What are the characteristics of animals?
* What is the most diverse group of vertebrates?
* Fish: what are cartilaginous fish?, jawless fish?, bony fish (lobe-finned, ray-finned)?
  + Why are fish colored differently, what is the purpose(s)?
  + Review the different body forms/life styles of fish
  + How do fish deter predation?
  + What are the characteristics of rays and skates?
* What characteristics are attributed to reptile evolution and success on land? Do reptiles have salt excretory glands?
* What are the types of sea turtles? What are adaptations sea turtles have to living in sea?
* What is the only marine lizard?
* What are adaptations for flight?
* What are characteristics of mammals?
* What is echolocation used for? What animals are capable of echolocation?
* What are the characteristics of cetaceans?
* Can true seals move around well on land?
* What is the largest dolphin? Largest seal?