**Chapter 1 Study Guide:**

Ocean Facts: Know your basic ocean facts

* Average depth
* Names of the oceans
* How much water is fresh vs salt
* Where most of the water on earth is found
* Why we study the oceans
* Why does Earth have water

Branches of Marine Science:

* Know the major branches and possible job duties for each

Why Study History?:

* 3 major reasons

Prehistory:

* Why did these ancient groups explore?
	+ Phoenecians - what are their major contributions?
	+ Greeks -
		- What is cartography?
		- Know the difference between your map projections & the type of distortion
		- Know the difference between latitude and longitude
	+ Egyptians - major contributions?
		- 1st recorded voyage in 3200BC!
	+ Polynesians - major contributions?

Middle (dark) Ages:

* Vikings: What did they do/find?
* Chinese: What inventions did they contribute to oceanography? Why were their voyages so different from everyone else?
* What the heck happened with the rest of Europe? Why were there no major contributions?

European Age of Discovery:

* What is the significance of Prince Henry?
* Who were the major contributors/explorers?
	+ Know what their significance was (ex: Magellan circumnavigated the globe)

Birth of Marine Science:

* What is the significance of the following?
	+ Captain Cook
	+ Matthew Maury
	+ Darwin & the HMS Beagle
	+ Challenger Expedition
	+ Nansen’s polar expedition
	+ US Exploring Expedition

Modern Oceanography:

* What were the major contributing factors that led to the tech of today?
* What are some advantages/disadvantages of scuba vs submersibles?
* What were the major discoveries/contributions of the 3 big expeditions?
	+ Meteor
	+ Atlantis
	+ Challenger II