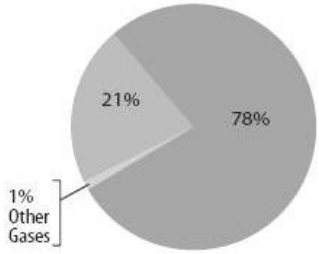
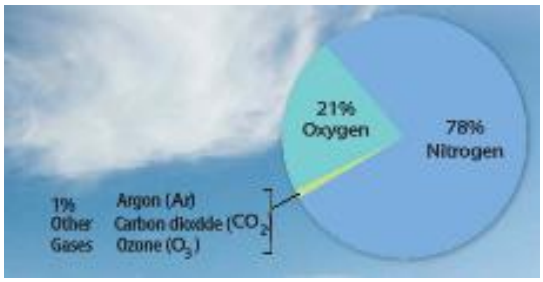
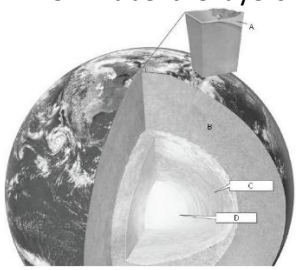
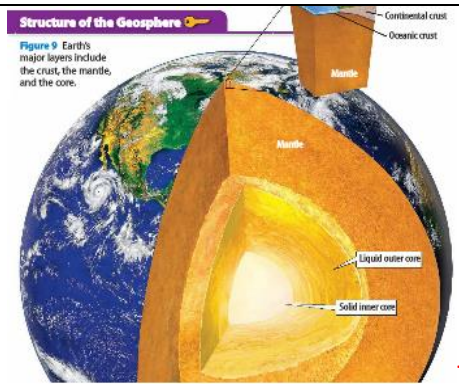
Name: _____ Period: _____ Chapter 1 Test Study Guide **Chapter 1 Test is scheduled for: Tuesday, 10/20/15**

1. What are the names of the major earth Systems?	Geosphere, Hydrosphere, Biosphere, Atmosphere
2. What are the 5 layers of the atmosphere? 3. What happens to the atmosphere as you move towards space?	Troposphere, stratosphere, mesosphere, thermosphere, exosphere The temperature varies with each layer, and the
4. Label the gasses that make up the atmosphere in the diagram: 	
5. Where is the ozone layer found?	stratosphere
6. Where is groundwater stored?	In cracks and pores beneath the Earth's surface
7. What is included in the: - Geosphere -Biosphere - Hydrosphere -Cryosphere - Atmosphere	G- rocks, mountains C-79% of freshwater in glaciers, snow and icebergs H- water A-Nitrogen, Oxygen, other trace gases B- Living
8. What are the characteristics of a mineral?	Naturally occurring, inorganic, solid, crystal structures, definite chemical composition
9. Label the layers.  What layer is completely liquid?	 The outer core is liquid
10. Where is the beginning of the water cycle?	There is no tru beginning. The water cycle is a continuous process in which water travels throughout the Earth and atmosphere.
11. Water is released from plants through leaves through which process?	Transpiration
12. What causes wind?	Difference in air pressure
13. What is humidity?	the amount of water vapor in a given volume of air
14. Why is the leeward side of a mountain dry?	As the air on the windward side rises and cools, the water vapor condenses and precipitation occurs, leaving little precipitation for the leeward side
15. Compare and contrast Magma and Lava	Lava: melted rock on Earth's surface Magma: Melted rock under Earth's surface Both: Melted Rock