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

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| 1. What are the names of the major earth Systems? | Geosphere, Hydrosphere, Biosphere, Atmosphere |
| 1. What are the 5 layers of the atmosphere? 2. What happens to the atmosphere as you move towards space? | Troposphere (lowest), stratosphere, mesosphere, thermosphere, exosphere (highest).  The temperature varies with each layer, and the higher you go, the colder it gets. |
| 1. Label the gasses that make up the atmosphere in the diagram: |  |
| 1. Where is the ozone layer found? | stratosphere |
| 1. Where is groundwater stored? | In cracks and pores beneath the Earth’s surface |
| 1. What is included in the:  * Geosphere -Biosphere * Hydrosphere -Cryosphere * Atmosphere | G- rocks, mountains C-79% of freshwater in glaciers,  H- water snow and icebergs  A-Nitrogen, Oxygen, other trace gases  B- Living |
| 1. What are the characteristics of a mineral? | Naturally occurring, inorganic, solid, crystal structures, definite chemical composition |
| 1. Label the layers.     What layer is completely liquid? | The outer core is liquid |
| 1. Where is the beginning of the water cycle? | There is no true beginning. The water cycle is a continuous process in which water travels throughout the Earth and atmosphere. |
| 1. Water is released from plants through leaves through which process? | Transpiration |
| 1. What causes wind? | Difference in air pressure |
| 1. What is humidity? | the amount of water vapor in a given volume of air |
| 1. 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 |
| 1. Compare and contrast Magma and Lava | Lava: melted rock on Earth’s surface  Magma: Melted rock under Earth’s surface  Both: Melted Rock |