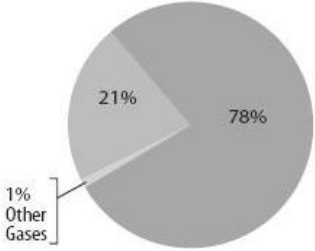
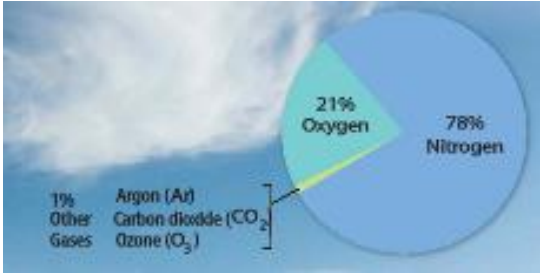
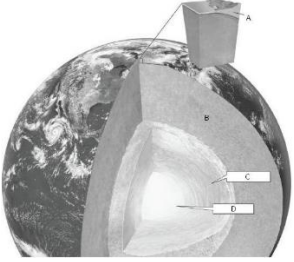
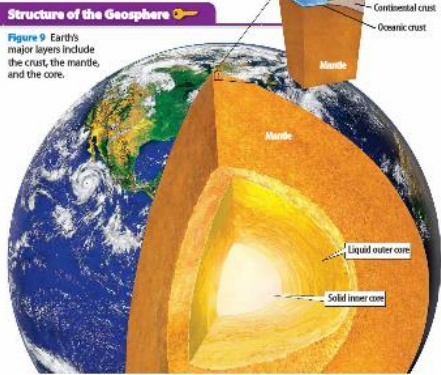


<p>1. What are the names of the major earth Systems?</p>	<p>Geosphere, Hydrosphere, Biosphere, Atmosphere</p>
<p>2. What are the 5 layers of the atmosphere?</p>	<p>Troposphere, stratosphere, mesosphere, thermosphere, exosphere</p>
<p>3. What happens to the atmosphere as you move towards space?</p>	<p>The temperature varies with each layer, and the</p>
<p>4. Label the gasses that make up the atmosphere in the diagram:</p> 	
<p>5. Where is the ozone layer found?</p>	<p>stratosphere</p>
<p>6. Where is groundwater stored?</p>	<p>In cracks and pores beneath the Earth's surface</p>
<p>7. What is included in the:</p> <ul style="list-style-type: none"> <li>- Geosphere      -Biosphere</li> <li>- Hydrosphere   -Cryosphere</li> <li>- Atmosphere</li> </ul>	<p>G- rocks, mountains      C-79% of freshwater in glaciers, snow and icebergs  H- water  A-Nitrogen, Oxygen, other trace gases  B- Living</p>
<p>8. What are the characteristics of a mineral?</p>	<p>Naturally occurring, inorganic, solid, crystal structures, definite chemical composition</p>
<p>9. Label the layers.</p>  <p>What layer is completely liquid?</p>	<p><b>Structure of the Geosphere</b></p> <p>Figure 9 Earth's major layers include the crust, the mantle, and the core.</p>  <p>The outer core is liquid</p>
<p>10. Where is the beginning of the water cycle?</p>	<p>There is no true beginning. The water cycle is a continuous process in which water travels throughout the Earth and atmosphere.</p>
<p>11. Water is released from plants through leaves through which process?</p>	<p>Transpiration</p>
<p>12. What causes wind?</p>	<p>Difference in air pressure</p>
<p>13. What is humidity?</p>	<p>the amount of water vapor in a given volume of air</p>
<p>14. Why is the leeward side of a mountain dry?</p>	<p>As the air on the windward side rises and cools, the water vapor condenses and precipitation occurs, leaving little precipitation for the leeward side</p>
<p>15. Compare and contrast Magma and Lava</p>	<p>Lava: melted rock on Earth's surface  Magma: Melted rock under Earth's surface  Both: Melted Rock</p>