**Cole and the Carbon Cycle**

**1. Human breathe in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and other elements. Then they exhale \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**2. This process is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**3. Plants breathe in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to make energy in a process called photosynthesis.**

**4. Plants then release \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ back into the air.**

**5. Plants and animals are all made of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**6. When plants and animals die/expire \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ uses the oxygen in the air to break down the carbon \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and then releases it back into the air.**

**7. This process is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**8. The oceans, rivers, and lakes take in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on the surface depending on temperature in a process called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**9. Other organisms in the water pull \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ below the surface of the water.**

**10. When humans burn \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ fuels, more carbon is released in the air in the form of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ dioxide.**

**11. Deforestation means less carbon dioxide is being taken from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**12. All extra carbon dioxide is in the air is contributing to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ warming.**

**13. This \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ warming is melting the polar \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ capps.**