**Earth & Space Science “I can” Statements**

**Types of Spheres, Biogeochemical Cycles & Ocean Currents**

**Earth Science Learning Target #1:** *I can describe ways carbon is released into the atmosphere (\_\_\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_\_\_\_\_\_) as carbon dioxide.*

 **(Carbon Cycle)**

**Earth Science Learning Target #2:** *I can construct a diagram of the carbon cycle tracing carbon as it cycles through the Earth’s spheres.* **(Carbon Cycle)**

**Earth Science Learning Target #3:** *I can explain how* ***moving currents in the atmosphere and ocean*** *are connected to thermal energy, density, pressure, composition and topographic/geographic influences.*

**Earth Science Learning Target #4:** *I can identify why the* ***atmosphere had clear layers*** *that has properties such as temperature, chemical composition and physical characteristics.*

**Earth Science Learning Target #5*:*** *I can trace nitrogen through the Earth’s spheres.* **(Nitrogen cycle)**

**Earth Science Learning Target #6:** *I can trace the changing states of water as it moves through the lithosphere (\_\_\_\_\_\_\_\_\_\_\_), biosphere (\_\_\_\_\_\_\_\_\_\_\_\_\_), hydrosphere (\_\_\_\_\_\_\_\_\_\_\_\_\_), and atmosphere (\_\_\_\_\_\_).* ***(The Water Cycle)***

