**Compare the Nitrogen, Phosphorus and Carbon Cycles Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **Carbon Cycle** | **Nitrogen Cycle** | **Phosphorus Cycle** |
| **Where is the nutrient Stored in the Earth System?** |  |  |  |
| **Which processes help cycle the nutrient through ecosystems?** |  |  |  |
| **Usable Form(s) of each nutrient by Plants – (give the chemical formula(e) of molecule and/or name of compound(s))** |  |  |  |
| **How is the nutrient used by living things?**  |  |  |  |
| **List two human activities that impact nutrient sources and sinks** **/3** | 1.
 | 1.
 | 1.
 |
| **Describe major environmental problems caused by human activities (as listed above) – relate to each cycle!** **/3** | 1.
2.
 | 1.

2.  | 1.
 |

 **Total Marks: Comparison Chart /21 Similarities/Differences /4 = /25 = \_\_\_\_\_%**