**Matter Cycles**

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| **A.** What are some things that you remember about our study of Isle Royale? |
| **B.** What are some things that you remember about our study of the Galapagos Finches? |
| **C.** What were some of the main ideas that came out of our studies of these two ecosystems? |
| **D.** Ecosphere observations (what we notice): |
| **E.** Questions we have about the ecosphere (what we wonder): |
| **F.** Initial model ideas about the ecosphere concerning matter and energy: |
| **G.** Summary (important ideas) from Carbon Cycle and Nitrogen Cycle readings. |

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| **H.** Class consensus model: |
| **I.** My explanation of what “interdependence” is: |
| **J.** What I think would happen if we took one of the organisms out of the ecosphere and thoughts on whether or not the remaining organisms would survive:  **1.** Remove algae –  **2.** Remove bacteria –  **3.** Remove shrimp – |
| **K.** My explanation or understanding of “carrying capacity”: |
| **L.** How is the Ecosphere similar to Earth as a system? |
| **M.** In what ways are earth’s ecosystems different from the ecosphere’s? |