Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Cycles of Nature Study Guide:**

Understand the following vocabulary/terms:

**Water Cycle:** **Carbon Cycle:** **Nitrogen Cycle:**

Evaporation Photosynthesis Nitrogen Fixation

Transpiration Respiration Decomposition

Respiration Decomposition Nitrogen-fixing bacteria

Condensation Combustion

Precipitation

Infiltration

Ground Water

Run-off

* You must be able to follow molecule through the all three cycles (water, carbon, nitrogen). Create, label, and use diagrams to help you explain the cycles. Include terms above in each diagram.

**Ecological Succession**

1. What is the difference between primary and secondary succession?

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1. Name a pioneer species and explain their importance.

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