

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

### Cycles of Nature Study Guide:

Understand the following vocabulary/terms:

**Water Cycle:**

Evaporation  
Transpiration  
Respiration  
Condensation  
Precipitation  
Infiltration  
Ground Water  
Run-off

**Carbon Cycle:**

Photosynthesis  
Respiration  
Decomposition  
Combustion

**Nitrogen Cycle:**

Nitrogen Fixation  
Decomposition  
Nitrogen-fixing bacteria

**Create and label diagrams to help you explain the cycles. Include the terms above in each diagram. Once you do this, in order to know them best you should try to draw all three cycles from memory. You must be able to follow molecule through the all three cycles (water, carbon, nitrogen).**

### Ecological Succession

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

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2. Name a pioneer species and explain their importance.

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