**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_**

**Nitrogen and Carbon Cycles**

**Nitrogen Cycle**

1. Write one of the following terms in each of the boxes below: **animal plant bacteria water**  (choose the animal and plant from your ecosystem)
2. Choose two boxes and draw an arrow between them showing the direction the nitrogen is transferred.
3. Along the arrow, ***explain how*** nitrogen is transferred from the first term to the second term.
4. Repeat steps (2) and (3) with at least 4 more arrows.

**Carbon Cycle**

1. Write one of the following terms in each of the boxes below: **animal plant bacteria air** (choose the animal and plant from your ecosystem)
2. Choose two boxes and draw an arrow between them showing the direction the carbon is transferred.
3. Along the arrow, ***explain how*** carbon is transferred from the first term to the second term.
4. Repeat steps (2) and (3) with at least 4 more arrows.