**Wetlands Are Wonderlands and Wolf Island**

**Question:** Can ONE change in a food web affect the entire community?

**Directions:** After reading the story Wolf Island, by Celia Godkin, use the following food web to explain the changes that took place after the wolf population was removed from the island.
1) Place an X on the wolves to symbolize their removal.
2) Write “up” or “down” on the line next to each producer or consumer to show if the population went up or down after the wolves were removed.

**Key**
- up = population increase
- down = population decrease
- X = population gone

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**Diagram:**
- Sun
- Grass
- Trees
- Deer
- Mice
- Rabbits
- Squirrels
- Owls
- Foxes

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**Diagram Details:**
- Place an X on the wolves to symbolize their removal.
- Write “up” or “down” on the line next to each producer or consumer to show if the population went up or down after the wolves were removed.
**Wetlands Are Wonderlands**  
*and Wolf Island (continued)*

**Directions:** Write a paragraph using four or more choices from the Word Bank that explains how the island population was affected by the change in the wolf population. Challenge!! Use ALL of the Word Bank words!!

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**Word Bank**  
- increase  
- decrease  
- wolves  
- population  
- community  
- food web  
- balance of nature  
- removed  
- change  
- mice

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SAMPLE PARAGRAPH

One change in a food web can affect the entire community. In the story, the wolves left the island. After the wolves left, the deer population grew. The growing deer population ate so much grass, the grass population decreased. Less grass meant less food for rabbits and mice. This hurt the owls and foxes because they depend on rabbits and mice. When the wolves returned, the balance of nature returned. This is how one change can affect a whole community.