

## I can explain how humans influence the loss of biodiversity?

### Biodiversity

- \_\_\_\_\_
- It loss is most often due to \_\_\_\_\_
  - Harvesting, Poaching (Hunting), Deforestation, Pollution, Oil Spills, Mining

### Gulf Oil Spill - <http://www.cbsnews.com/video/watch/?id=7363252n>

1. How did the oil spill impact the Gulf's ecosystem? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. How did BP get rid of the oil that was spilled into the Gulf? \_\_\_\_\_  
\_\_\_\_\_

### Habitat Destruction

- Caused by: Deforestation, Oil Spills, Mining, Draining Wetlands, National Works Projects
- Animals/plants are \_\_\_\_\_ - having nowhere to live ☹
- \_\_\_\_\_ Means \_\_\_\_\_

### Farming

- Humans decide what species of plants will be grown. This \_\_\_\_\_ biodiversity in a particular area.
- Use of \_\_\_\_\_ and \_\_\_\_\_, which run off into water ways

### Biological Magnification and Pesticides

- The concentrations of toxins \_\_\_\_\_ as you move through the food chain
- Organisms at the bottom of the food pyramid do not die from the toxin, but higher organisms do - WHY?
- \_\_\_\_\_

### Green Alternative to Pesticides

- **Biological Control**
  - \_\_\_\_\_ to keep the pests' population under control

## **Direct Harvesting**

- \_\_\_\_\_
- Often results in the \_\_\_\_\_ of a species – LESS biodiversity
- Examples: Elephant's Ivory Tusks, Exotic Birds, Shark Fins

## **Invasive (Non native) Species**

- The release of a non native species into a new environment
- Non-native species quickly \_\_\_\_\_ due to a \_\_\_\_\_  
\_\_\_\_\_ disrupting their new ecosystem.
- Example: Zebra Mussels in the Hudson River