

# **Biodiversity and Human Impact on the Environment**

## ***Foldable Activity***

There are several examples of positive and negative interactions between humans and the environment. We depend on Earth's life support systems and change the environment when we gather food, get rid of wastes and build homes.

This activity summarizes and defines some of the common impacts that we have on the environments or major areas that are affected by our interaction with the environment. You will use your textbook, notes, or internet research to find descriptions and examples for each topic and you will also use magazine clippings or drawings to illustrate each concept.

Fold 3 blank sheets of paper to create a "flip book" with 6 (1cm) tabs as demonstrated in class. Include the information listed below on each page. **BE CREATIVE!—Extra Credit for extra creativity!**

### **Cover page:**

Label the bottom "tab": **Biodiversity**

Define biodiversity.

Describe 3 ways we benefit from biodiversity

**Include illustrations that represent this point.**

### **Page 2:**

Label the bottom tab: **Pollution**

What is water pollution?

Define biological magnification.

Describe how water pollution affects organisms.

What is air pollution?

Describe how air pollution leads to acid rain and an increase of greenhouse gases.

Describe how air pollution affects organisms.

**Include illustrations that represent this point.**

### **Page 3:**

Label the bottom tab: **Altered Habitats/Hunting**

Describe how altered habitats affect organisms.

What affect does hunting have on biodiversity?

**Include illustrations that represent these points.**

### **Page 4:**

Label the bottom tab: **Introduced Species**

Define "introduced (invasive)" species.

How do these introduced organisms affect biodiversity?

**Include illustrations that represent this point.**

### **Page 5:**

Label the bottom tab: **Climate Change**

What things contribute to climate change?

How does climate change affect the environment and living things?

**Include illustrations that represent this point.**

### **Page 6:**

Label the bottom tab: **Succession**

Define ecological succession.

Why does succession occur?

Explain the difference between primary and secondary succession.

What is a pioneer species? Give 2 examples.

**Include illustrations that represent this point.**