**Animal Extinction**

1. What are the 4 classifications for the endangered species list and what does each classification mean?
2. How many U.S. species are on the list?

**2010 BP Gulf Oil Spill**

1. How many gallons of oil spilled into gulf of Mexico due to the *Deepwater Horizon* spill?
2. How many miles of Gulf coastline were affected by the spill?

**Loss of Wetlands in the USA**

1. How much of the original 220 million acres of USA wetlands still exist?
2. What is the major cause of wetland losses?
3. What private organization has been a major player in conserving and restoring wetlands?

**Deforestation**

1. What are 5 negative effects of deforestation?
2. What are three environmental services provided by forests?

**Global Warming (Climate Change)**

1. How long is the natural cycle of warming and cooling for the earth?
2. The current warming cycle is being caused by human activity. What must we do to bring this problem under control?

**Habitat Loss in USA**

1. What human activity has resulted in the most habit loss?
2. List 3 things individuals can do to help prevent habitat loss.

**The Illinois River**

1. List 3 major causes for the degradation of the Illinois River.
   1. Siltation from run-off due to erosion caused by farming and construction.
2. How many tons of waste is now annually prevented from entering the river thanks to a required permitting process before applying waste as fertilizers onto fields?

**Lake Michigan (and the other 4, too)**

1. List 3 sources of problems for Lake Michigan.
2. What supplement to the Clean Water Act is designed to protect the *source waters* of the great lakes?

**Nature Conservation**

1. What is Nature Conservation?
2. What must we do to continue to be able to access our natural resources?

**PANDEMIC**

1. What disease devastated Europe’s population in the 1300’s and reduced the world population by an estimated 100 million people?
2. When did the last serious pandemic, the Spanish Flu, occur?
3. List 4 ways to help prevent the spread of pandemic diseases.

**Rainforest Destruction**

1. At the current rate of destruction, how long will it be before all rainforests are destroyed?
2. What 4 sustainable resources do rainforests provide humans?