

- Define and provide examples of the following: pollution, point pollution, non-point pollution, water/air/land/noise/light pollution.
- Summarize the following historical examples of pollution and state how they have changed public perceptions about pollution: Dead Zone in the Gulf of Mexico, Cuyahoga River, The Great Smog of 1952, *Silent Spring*, Love Canal.
- Summarize the changes created by the following pieces of legislation: Clean Air Act '63, Toxic Substance Control Act, Clean Air Act '70, Pesticides Control Act, Clean Water Act '64, Ocean Dumping Act '72, Safe Drinking Water Act '74, The Comprehensive Environmental Response, Compensation, and Liability Act '80.
- Define “Super Fund” and explain how this program is utilized in regards to pollution.
- Summarize how each of the following impact the environment and/or human populations: Mercury, Lead, DDT, Chromium-6, Carbon Dioxide, Nitrogen, Phosphorus
- Define biomagnification and explain how and why biomagnifiable pollutants cause more problems than other kinds of pollutants.
- Summarize the properties that make a substance biomagnify.
- Define eutrophication and explain how this process impacts aquatic ecosystems.

