Human Impact Study Guide

Define

* Nonrenewable resource *Copper is an example of a nonrenewable resource that exists in a fixed amount in various places in Earth's crust that can be replaced by geological, physical, and chemical processes that take millions of years*
* Renewable resource *A natural resource that can be replaced by nature in a short period of time.*
* Natural resource *The kind of resource the Earth provides. Examples include Earth's organisms, nutrients, rocks, and minerals.*
* Carrying Capacity *Is the largest number of individuals of a particular species that the environment can support*
* Nonpoint source pollution *Pollution that enters a body of water from a large area, such as lawns, construction sites, and roads.*
* Point source pollution *Pollution that enters a body of water from a specific location, such as drainpipes or ditches.*
* Hazardous waste *poisonous, can cause cancer and start fires.*
* Sustainable *able to maintain at a certain level, amount or rate*
* Conservation *using a resource carefully to reduce damage to the environment*
* Sewage *the water that goes into drains and contains wastes and detergents.*
* hydroelectric power *a form of energy generated by the conversion of free-falling water to electricity*
* nuclear fission *The process in which a heavy nucleus divides to form a smaller nuclei results in a release of a large amount of energy*
* particulates *fine solids such as dust, ash and soot.*

1. Where does your trash end up when the garbage truck takes it away.? *Landfills.*
2. How is acid rain formed? *Moisture in the air + Sulfur oxides*
3. Give several examples of nonpoint source pollution. *Runoff from a golf course*
4. Give several examples of point source pollution. *See definition*
5. Describe several sources of water pollution *sewage, oil and chemical spills, dumping trash*
6. What does it mean to reuse and give an example. *Use something again, sometimes for another purpose*
7. What does an enzyme do? Can you name an enzyme and explain what it does? (Use the internet) *makes chemical reactions occur faster*
8. Give several examples of a nonrenewable resource *gold, iron, diamonds, coal, oil*
9. Give several examples of a renewable resource *wheat, cattle, paper trees*
10. Why is the Sun so important to Earth? *It is where we get most of our energy*