

The Environment

AIR POLLUTION

- ✓ smog
- ✓ emissions
- ✓ effect of non-point source

GLOBAL WARMING

- ✓ ozone hole
- ✓ greenhouse effect
- ✓ temperature increase

HAZARDOUS WASTES

- ✓ accidental spills
- ✓ barrels of unknown substances
- ✓ used as military artillery

ENERGY

- ✓ renewable (solar, hydroelectric, wind)
- ✓ non-renewable (fossil fuels, minerals)
- ✓ energy conservation
- ✓ energy efficiency
- ✓ alternative resource effectiveness
 - geothermal, nuclear, biomass, etc.

WATER POLLUTION

- ✓ ocean, river, stream pollution
- ✓ thermal pollution
- ✓ raw sewage, solid wastes, oil
- ✓ agriculture
- ✓ effect of non-point source pollution
- ✓ effect on plants/animals

SOLID WASTE

- ✓ landfills
- ✓ land pollution/litter
- ✓ recycling

RAINFOREST DESTRUCTION

- ✓ specific areas ; Amazon, etc.
- ✓ invasions (miconia, etc)
- ✓ medicinal uses

ACID RAIN

- ✓ natural sources (volcanoes)
- ✓ man-made sources
- ✓ effects on plants, water, etc

ENDANGERED SPECIES

- ✓ plants
- ✓ animals
- ✓ reserves

MISCELLANEOUS

- ✓ water quality (drinking, ocean, river, stream)
- ✓ erosion
- ✓ water cycle
- ✓ soil types
- ✓ rainfall comparison (amount, acidity)

Space

MOON

- ✓ topography (craters, etc.)
- ✓ phases

PLANETS

- ✓ temperature (surface, atmosphere)
- ✓ topography (surface features)
- ✓ orbit (pattern, speed)

The Ocean

CORAL REEFS

- ✓ comparisons
- ✓ coral abundance & diversity
- ✓ health
- ✓ reef length

WATER

- ✓ conditions for reefs
- ✓ salinity
- ✓ pH
- ✓ dissolved oxygen
- ✓ nutrients
- ✓ ocean pollution

FAUNA

- ✓ animal counts
- ✓ animal behavior
- ✓ diet
- ✓ migration
- ✓ sound
- ✓ individual identification
- ✓ ecology
- ✓ ciguatera

FLORA

- ✓ limu abundance & diversity
- ✓ propagating marine plants
- ✓ ecology
- ✓ effects of water quality

- ✓ effects of waves
- ✓ topography
- ✓ tides
- ✓ currents
- ✓ beach types

- ✓ raising fauna
- ✓ fishponds
- ✓ effectiveness of fishing techniques