Field Trip/Class Project

Step 1- Organize a class field trip to visit a recycling plant to experience the system of collecting and processing materials that would be trash added to landfills and turning them into new products giving them new life.

Step 2- Have students recycle something they would have thrown away into something they can reuse over and over giving it new life. For example, store bought plastic containers to reuse as cereal and pasta kitchen containers, wooden crates as household storage, etc.

Objective - Students will learn the benefits and importance of recycling.

• Reduces the amount of waste sent to landfills and incinerators

• Conserves natural resources such as timber, water, and minerals

• Prevents pollution caused by reducing the need to collect new raw materials

• Saves energy

• Reduces greenhouse gas emissions that contribute to global climate change

• Helps sustain the environment for future generations

• Helps create new well-paying jobs in the recycling and manufacturing industries in the United States

Critical Thinking Essay

Describe how we as health care workers can provide quality care while preserving our natural resources in respect to our precious environment. OR – Review how a degraded environment impacts human health.

• Nutrition: Degradation of fisheries and agro-ecosystems are factors in the malnutrition of some 800 million people around the world. At least an additional billion people experience chronic micronutrient deficiency.

• Safe Drinking-Water: Water-associated infectious diseases claim 3.2 million lives, approximately 6% of all deaths globally. Over one billion people lack access to safe water supplies, while 2.6 billion lack adequate sanitation, and related problems of water scarcity are increasing, partly due to ecosystem depletion and contamination.

• Solid Fuel Dependency: About 3% of the global burden of disease has been attributed to indoor air pollution, a major cause of respiratory diseases. Most of the world's population uses solid fuels to cook and heat, a factor in deforestation.