Unit 1 Vocab:

Sustainability

Environment

Environmental Science

Ecology

Organisms

Species

Ecosystem

Reliance on Solar Energy

Biodiversity

Chemical Cycling

Nutrient Cycling

Natural Capital

Natural Resources

Natural Services

Resource

Perpetual Resource

Renewable Resource

Sustainable Yield

Nonrenewable Resources

Reuse

Recycling

Economic Growth

Gross Domestic Product

per capita GDP

Economic Development

More-developed Countries

Less-developed Countries

Environmental Degradation

Natural Capital Degradation

Pollution

Point Source

Non-point Sources

Pollution Cleanup

Output Pollution Control

Pollution Prevention

Input Pollution Control

Affluence

Ecological Footprint

per capita Ecological Footprint

IPAT

Ecological Tipping Point

Culture

Sustainability Revolution

Exponential Growth

Poverty

Environmental Worldview

Environmental Ethics

Planetary Management Worldview

Stewardship Worldview

Environmental Wisdom Worldview

Environmentally Sustainable Society

Natural Income

Social Capital

Science

Data

Scientific Hypothesis

Model

Scientific Theory

Peer Review

Scientific Law

Law of Nature

Tentative Science

Frontier Science

Reliable Science

Unreliable Science

Matter

Element

Compounds

Atom

Atomic Theory

Neutrons

Protons

Electrons

Nucleus

Atomic Number

Mass Number

Isotopes

Molecule

Ion

Acidity

pH

Chemical Formula

Organic Compounds

Inorganic Compounds

Cells

Genes

Trait

Chromosome

Matter Quality

High-quality Matter

Low-quality Matter

Physical Change

Chemical Change

Chemical Reaction

Nuclear Change

Law of Conservation of Matter

Radioactive Decay

Nuclear Fission

Nuclear Fusion

Energy

Kinetic Energy

Heat

Electromagnetic Radiation

Potential Energy

Fossil Fuels

Energy Quality

High-quality Energy

Low-quality Energy

First Law of Thermodynamics

Law of Conservation of Energy

Second Law of Thermodynamics

System

Inputs

Flows

Throughputs

Outputs

Feedback

Feedback Loop

Positive Feedback Loop

Negative/corrective Feedback Loop

Time Delay

Tipping Point

Synergistic Interaction

Synergy