



Summary of the *Excellence in Environmental Education: Guidelines for Learning (Pre K-12)*



Strand 1- Questioning, Analysis and Interpretation Skills

- Questioning
- Designing Investigations
- Collecting information
- Evaluating accuracy and reliability
- Organizing information
- Working with models and simulations
- Drawing conclusions and developing explanations

Strand 2- Knowledge of Environmental Processes and Systems

2.1 The earth as a physical system

- Processes that shape the earth
- Changes in matter
- Energy

2.2 The living environment

- Organisms, populations, and communities
- Heredity and evolution
- Systems and connections
- Flow of matter and energy

2.3 Humans and their societies

- Individuals and groups
- Culture
- Political and economic systems
- Global connections
- Change and conflict

2.4 Environment and society

- Human/environment interactions
- Places
- Resources
- Technology
- Environmental Issues



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Strand 3- Skills for Understanding and Addressing Environmental Issues

3.1 Skills for analyzing and investigating environmental issues

- Identifying and investigating issues
- Sorting out the consequences of issues
- Identifying and evaluating alternative solutions and courses of action
- Working with flexibility, creativity, and openness

3.2 Decision-making and citizenship skills

- Forming and evaluating personal views
- Evaluating the need for citizen action
- Planning and taking action
- Evaluating the results of actions

Strand 4- Personal and Civic Responsibility

- Understanding societal values and principles
- Recognizing citizen' rights and responsibilities
- Recognizing efficacy
- Accepting personal responsibility