

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

North American Association for Environmental Education (NAAEE)

1 - Questioning, Analysis and Interpretation Skills

- 1.2 Questioning
- 1.3 Designing Investigations
- 1.4 Collecting information
- 1.5 Evaluating accuracy and reliability
- 1.6 Organizing information
- 1.7 Working with models and simulations
- 1.8 Drawing conclusions and developing explanations

2 - Knowledge of Environmental Processes and Systems

- 2.1 The earth as a physical system
 - 2.1a Processes that shape the earth
 - 2.1b Changes in matter
 - 2.1c Energy
- 2.2 The living environment
 - 2.2a Organisms, populations, and communities
 - 2.2b Heredity and evolution
 - 2.2c Systems and connections
 - 2.2d Flow of matter and energy
- 2.3 Humans and their societies
 - 2.3a Individuals and groups
 - 2.3b Culture
 - 2.3c Political and economic systems
 - 2.3d Global connections
 - 2.3e Change and conflict
- 2.4 Environment and society
 - 2.4a Human/environment interactions
 - 2.4b Places
 - 2.4c Resources
 - 2.4d Technology
 - 2.4e Environmental Issues

3 - Skills for Understanding and Addressing Environmental Issues

3.1 Skills for analyzing and investigating environmental issues

- 3.1a Identifying and investigating issues
- 3.1b Sorting out the consequences of issues
- 3.1c Identifying and evaluating alternative solutions and courses of action
- 3.1d Working with flexibility, creativity, and openness

3.2 Decision-making and citizenship skills

- 3.2a Forming and evaluating personal views
- 3.2b Evaluating the need for citizen action
- 3.2c Planning and taking action
- 3.2d Evaluating the results of actions

4 - Personal and Civic Responsibility

- 4.1 Understanding societal values and principles
- 4.2 Recognizing citizen' rights and responsibilities
- 4.3 Recognizing efficacy
- 4.4 Accepting personal responsibility