# 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