Recall and synthesize the knowledge derived from biology, chemistry, physics, earth science, economics and political science to better understand the earth’s environment.

Comprehend environmental problems from multiple perspectives.

Evaluate the credibility of varying sources of information on environment.

Display cognizance of ethical considerations and be mindful of them when constructing solutions to environmental problems.

Recognize the interconnectedness of earth’s ecosystems and human dependence on them.

Communicate skillfully environmental findings through seminars, written scientific reports and visual presentations.

Know how to find information on environmental topics from library sources, original scientific literature and the Internet.

Demonstrate competence in using the basic equipment used to gather information on the environment.

Recognize processes and patterns of environmental interactions.