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.