

# AP Environmental Science

## Summer 2007-2008 Assignment

### Ms. Kowalski

Welcome to AP Environmental Science (APES)! I am looking forward to an exciting year (after we all relax for a bit over the summer). In order to get you ready for September's start, I am providing you with a summer assignment. It would not be wise to start this assignment the week before school. I suggest beginning it the first week of August. It is due the first day of school! Enjoy your summer!

Should you have any questions, please email me at: [kowalskih@kinnelon.org](mailto:kowalskih@kinnelon.org). If you do not receive a response from me, then I did NOT get your email!

#### Part I: Textbook Assignment

- **READ** the first three chapters of "Environmental Science - Earth as a Living Planet" by Botkin and Keller and for **EACH** chapter please use a different *Textbook Homework Option*. The three that you select are up to you.
- *You will be having a test on these chapters at the end of the first week on school in September.*

#### Part II: Observation Journal

- Please go outside and find five different environments to sit quietly for 20 minutes and record your observations. This may include but is not limited to temperature, wind, smell, sound, organisms (animals, insects, plants), shade and sun patterns, your thoughts, questions about what you are seeing etc.
- Please have one location involve the woods/forest, one a field or open area, one location involving water (stream, lake, ocean) and the remaining two are your choice. (maybe a place when your on vacation?)

### **Part III: Newspaper Articles**

1. Find five LARGE newspaper articles related to the topics of AP Environmental Science. (Use your textbook to help you identify topics related to environmental science). If you are on vacation, look in the local paper. The NY Times "Science Times" section which comes out every Tuesday maybe a helpful source for articles.

*DO NOT: take/use articles from magazines, printed from the web, photocopy articles and/or use articles older than May 2007.*

2. Identify what topic or topics the article addresses, and then summarize each article using at least 100 words. The articles should be neatly cutout and tape/glues/displayed **with the summary facing its article**. Summaries should be typed!
3. Answer the following questions about the article you selected. Put your response to the question under the article summary.
  - A. Categorize the stories according to whether they primary focus question is scientific, governmental, legal, social, political, or something else.
  - B. Describe the geographic area of concern in each article; is the issue relevant to a town, a county, a state, a region, or the county, the world?
  - C. Categorize the issues n terms of what part of the environment is the primary concern, atmosphere, hydrosphere, geosphere, biosphere etc. and why.