

Environmental Studies Summer Assignment

Environmental Scavenger hunt.

Over the summer you are expected to accomplish 2 things from each of the 3 categories below:

Environmental Geography

1. Visit any PA State Park or National Park. ***
2. PPL Montour Preserve Env. Education Center (Washingtonville) ***
3. Travel over 3 miles on the Susquehanna River (non motorized boats only) ***
4. Visit an alternative energy production facility (solar, wind, hydro, etc) ***

***You can document visits with photos, physical evidence (literature from a welcome center etc.) or parent signature by item.

Environmental Field Sample Collection

1. Collect soil samples (sandwich bag size) from at least 3 different PA counties.
2. Visit a PA watershed other than the one in which you live (Erie, Ohio, Genesee, Delaware, Potomac) and get a bottle of water from that watershed.
3. Photograph all of the following (PA state mammal, PA State tree, PA State Flower)
4. Collect a sample of acid mine drainage (water and sediment)

Literature and Research

1. Read, summarize and express your opinion about a news article (internet or print) about the Marcellus Gas boom in PA. (1 page or less)
2. Briefly interview someone you consider to be employed in the environmental field (scientist, educator, farmer, logger, miner, game / fish warden, forester, nature photographer, canoe / kayak / mountain bike rental / outdoor sporting goods sales, etc). Write a brief summary of what they do for work and your opinion as to whether or not you would consider this job. (1 page or less)
3. Make a scrapbook of letters to the editor about the environment from a local newspaper. (climate change, energy, land development, Susquehanna River, etc)
4. Create a survey about some environmental issue. Survey at least 10 people and report findings.

Grading: Each of the 6 items you choose is worth 4 points.

4 points. Meets all criteria.

3 points. Almost meets criteria

2 points. Relates to criteria but major aspects missing

1 point. Attempt is shown but no results

0 points. Slacker

Total possible: 24 points