

Name: _____ Due Date: _____



Obtaining and using information from the Scientific Literature 2: Eutrophication

In this assignment you will build on the progress you made in the first homework assignment. This assignment extends the last one by making you responsible for finding the information to support a topic sentence on your own, and reviews the process of citing your sources, paraphrasing, and writing a paragraph that supports the topic.

That's the background. Here's what you need to do:

Step 1: Review the information in the last homework and examine your graded assignment. Don't make the same mistakes again! You might also want to read up on eutrophication in your textbook and by doing a quick search on the web.

Step 2: Pretend you are writing a paper with the following two topic sentences in each of 2 different paragraphs:

1. Of all the elements contributing to eutrophication in freshwater systems, the most important is _____. [Note: the answer is one of the chemical elements, i.e. oxygen, carbon, nitrogen, sulfur, phosphorous, aluminum, uranium, silicon, etc. – finding out which one is part of the assignment.]
2. In marine systems, _____ is the most important element causing eutrophication. [Note: again you must find the answer then write the paragraph]

Develop each of these sentences into a complete paragraph of several sentences – *be sure to include the topic sentence as one of those sentences!* You should support each topic sentence with information you glean from the *primary scientific literature*. You cannot cite textbooks, web pages etc. (remember that journal articles obtained through the EJC or JSTOR have been published outside the web and thus can be cited if they are primary or secondary sources). You should include at least 5 sources; remember that you are looking for sources that originally developed the information, not sources merely reporting on what others found. If you forget what a primary scientific source is check:

<http://www.marietta.edu/~biol/library/primarysources.pdf>

and

<http://www.marietta.edu/~biol/library/citation.html>

Remember a primary source will list the methods and have a literature cited section.

Step 3:

Add a Literature Cited section listing the papers in the correct order and with the correct reference format. Please note that the references included in this assignment may or may NOT be correctly formatted. Again, see:

<http://www.marietta.edu/~biol/library/citation.html>

Or, look at the links on that page for the correct format for your literature cited section.

Step 4:**Attach copies of the papers you cited to your assignment.**

On each of the copies, **highlight the places where you got information from**. If a paper is more than 4 pages long, merely turn in a copy of the first page of the paper and any page from which you took information, again with the information you used highlighted. **Write your name at the top of the first page of each article.**

You do NOT need to turn in these instructions with the assignment. Just type your 2 paragraphs and add the literature cited section (which does not need to be on a separate sheet). You can simply head your assignment with your name, the assignment, the class, the days the class meets, the date and your instructors name. Skip a few lines and go to it (doublespaced text).

Staple the pages with your text together (if there are more than one). **Staple each of the articles together. Paperclip** your text and your articles together into one package.

In order for me to grade these papers fairly, you must follow these instructions carefully. In particular, you will receive a 0 if you do not:

1. Use and develop the 2 topic sentences I gave you.
2. Cite the papers in the text properly with author(s), year and page number.
3. Attach the sources and highlight where you got the information from in the text.

Your grade will be based on:

1. The quality of your writing, including your paraphrasing.
2. The degree to which your writing supports the topic sentence.
3. Proper format of all citations.
4. Properly citing your references in your text.
5. Quality and relevance of your sources.
6. Following directions.