Written exercise: Teratology

INTERNET ACTIVITY:

Clinical Teratology

Teratogens are typically drugs, chemicals or viruses that pass through the placental barrier during prenatal development and interfere with the normal developmental patterns, causing damage to the developing embryo or fetus. **GOAL:**

To learn more about the effects of teratogens on the unborn developing person (prenatal) and the Internet resources available to prospective parents to help them understand these concerns and effects.

**PROCESS:**

Using the definition above, pick a teratogen that passes through the placental barrier from among those mentioned in the text and "search the web" to find answers to the following questions.

**NOTE:** Pick a teratogen that crosses the placental barrier and effects the development of the growing embryo. That means that it is carried by the mother and is passed through the placenta to the embryo.

(HINT: One URL you might consult is: terisweb or possibly teratology.org or try your own NetSearch.)

In your summary, address the following questions. Write complete sentences in a dialogue format. Do not simply write one or two words or list items... write your summary answers giving information and reaction to what you find. Please do not simply copy and paste information from the internet.

1. Which teratogen did you choose? Why did you decide to research this issue? Remember: Pick a teratogen that passes through the placental barrier and write in complete sentences.

2. Explain how and when the damage occurs to the embryo?
3. What are the potential short-term and long-term effects of this teratogen on the developing person? What damage is done.

4. Has this teratogen become more of a problem in recent years? Such as, due to technological advances, education or other issues? Explain.

5. What steps can prospective parents take to minimize the effects of this teratogen?

6. State the COMPLETE Internet address (the URL) of at least two relevant Web pages other than the two identified above. These page addresses should relate to the teratogen you selected and should be more than the organization home page, they should be the actual page where information was acquired. These references should load for me when I check them... and I will check them.

example: http://www.cdc.gov/ncbddd/fas/default.htm

Answer these questions on a separate Word Processing document and submit your assignment to the instructor by ATTACHING the document to the assignment submission page by the due date.

REMEMBER: Pick a teratogen that crosses the placental barrier and effects the development of the growing embryo, and write your summary in dialogue format using complete sentences. Grading will be based on depth and clarity of information.

See example of a quality summary ....... or a poor summary

Be sure to include your name on the assignment.