

8_Informative Writing: Summative Assessment

Human Impact

Human activities have significantly altered the biosphere, sometimes damaging or destroying natural habitats and causing the extinction of many other species. But changes to Earth's environments can have different impacts (negative and positive) for different living things. Typically, as human populations and per-capita consumption of natural resources increase, so do the negative impacts on Earth. (MS-ESS3-3)

How does human population growth impact Earth's resources?

Summative ASSESSMENT:

Paragraph 1)

In a well-developed paragraph,

Identify and explain one area where human population growth (cause) has made a negative impact (effect).

Environmental issue OPTIONS:

- Pollution
- Deforestation
- Mining
- See Mrs. Merten w/additional ideas.

Support your points with evidence from text you read and **two** additional credible sources.

1A. Planning:

1. RAFT

- Role: Who are you as the writer? _____
- Audience: To whom are you writing? _____
- Format: What form will this piece take? _____
- Topic: What is the topic of this piece? _____

2. Create a Tree Map to identify various areas where human population growth has made a negative impact on Earth's Systems.

Circle the one category you will discuss in your paragraph

3. Research: find 3 credible sources to help you gather more information about the issue you selected.

A) Textbook Ch 23 Living Resources

B) _____

C) _____

4. Select the environmental issue you will focus on and create a multi-flow map to identify the problem associated with the issue selected. Cause → Event → Effect (-). Summarize/paraphrase relevant evidence from text you've researched to include in the multi flow map (in effect section)

1 B. Drafting your well-developed paragraph.

Directions: Use lined paper or you may type your response + print out. Incorporate the paraphrased relevant evidence from your research.

1 C. Revising + Editing

1. Re-read your work and mark up your response:
 - a. Underline the topic sentence.
 - b. Circle the sentence(s) that explain the importance of the 1st principle.
 - c. Put a box around the sentence(s) that explain the importance of the 2nd principle.
 - d. Star the sentence(s) that explain the importance of the 3rd principle.
 - e. Put a ☺ by the concluding sentence.
2. Check that you use proper capitalization, spelling, and punctuation
3. Make revisions to your draft. Print revision.
4. Assemble SWP
 - a. Rubric
 - b. Assignment/requirements
 - c. Pre-write/ thinking map/outline
 - d. First Draft w/ revision
 - e. Student revision reflection: 3-5 goals for revision after 1st draft
 - f. Final draft paragraph 1.

Standards Assessed:

- W2: Write to inform with clear statement of ideas, relevant evidence, commentary, transitions, formal style, and concluding statement
- W4: Produce clear and coherent writing that is fits task, audience, and purpose.
- W5: Plan revise, and edit.
- W8: Cite Sources
- L1 Standard English grammar and usage
- L2 COPS
- MS-ESS3-4 Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems. (¶ 1)
- MS-ESS3-3 Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment. (¶ 2)

2. PARAGRAPH ¶2

Typically, as human populations and per-capita consumption of natural resources increase, so do the negative impacts on Earth unless the activities and technologies involved are engineered otherwise. (MS-ESS3-3, MS-ESS3-4)

In a well-developed paragraph,
Describe a solution/design a method for monitoring and minimizing human impact on the issue you selected.
Support your solution with scientific principles that incorporate logical reasoning and how you would implement the monitoring method.