

Student Link

Internet Treasure Hunt for Grade 7 (Geography : Factors Affecting Climate)

Student Name: _____

INSTRUCTIONS

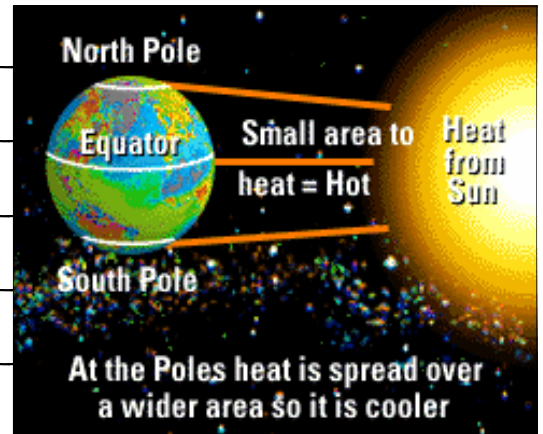
This website provides information and diagrams of the many factors that affect the climate of any area.

1. Click on the **Grade Seven** door.
2. Click on **Geography**.
3. Under "Patterns in Physical Geography", click on "**Factors Affecting Climate**".



4. List the most important factors that affect climate around the world.

- A) _____
- B) _____
- C) _____
- D) _____
- E) _____
- F) _____
- G) _____



5. Read through each factor that affects climate. Based on the information that you have read, what area of the world do you think would have the greatest climate change? Use the information on the website as well as the diagrams provided to explain why.

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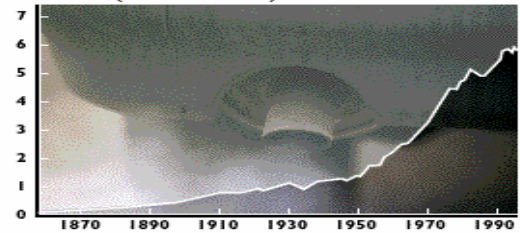
6. Click on the red button labeled "Climate Change" and describe what has already happened to the earth's climate.



7. Look closely at the graphs.

- A) How many times greater are the carbon dioxide emissions now than 130 years ago? _____
- B) By how many degrees has the global temperature changed since 1860? _____

Emissions increasing
Carbon (billion tonnes)



8. Read through what some of the effects could be on a global basis and list them.

- A) _____
- B) _____
- C) _____
- D) _____



9. Of all these potential effects, which do you think would cause the most harm to earth? **Explain your response.**
