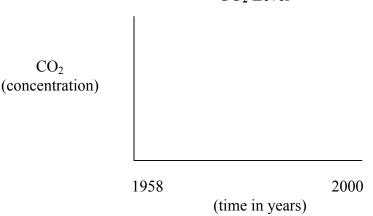
## An Inconvenient Truth (2006)

Based on the video; please answer the questions below in thoughtful and complete sentences.

- 1. What image started the modern day environmental movement?
- 2. What is considered the most vulnerable part of the earth system?
- 3. Relatively speaking, compared to the earth, how thick is the atmosphere?
- 4. How can trapping infrared radiation by the earth's atmosphere be a GOOD thing?
- 5. How can trapping infrared radiation by the earth's atmosphere be a **<u>BAD</u>** thing?
- 6. Sketch the general trend of the "CO<sub>2</sub> Level" versus time graph below:





- 7. What percentage of people depend on glacial melt for their drinking water?
- 8. Why is studying ice cores important?

- 9. What is the relationship between carbon dioxide  $(CO_2)$  and atmospheric temperature?
- 10. Over what time period have the hottest 10 years on earth occurred?
- 11. As the water temperature under a hurricane increases, what happens to the wind velocity of the storm?
- 12. What has happened to Lake Chad over the years?
- 13. How much of the suns radiation gets reflected by ice?
- 14. What redistributes energy from the equator to the north and south poles?
- 15. If the ice sheets of Western Antarctica were to melt, approximately how much would sea level rise?
- 16. List the three factors causing the collision between civilization and earth.
  - 1. 2. 3.
- 17. Approximately, what percentages of global carbon dioxide emissions come from forest fires?
- 18. What country is the largest contributor of greenhouse gases into the atmosphere?
- 19. Which country has the lowest government standards for gas mileage of automobiles?
- 20. Which two nations have not signed onto the Kyoto Protocol?