

Atmosphere Test Review

Names: _____

What to Study: Greenhouse Effect lab; Atmosphere Mural; Atmosphere Notes; Greenhouse Effect Notes, Transfer of Heat Notes, Bell Ringers; "Chasing Ice" film guide and Ozone Notes and reading; Evidence of Climate Change, and Carbon Cycle activities.

Questions to answer

1. What are the two most abundant gasses in the atmosphere?
2. What layer of the atmosphere do we live in?
3. Explain the relationship of altitude and air pressure.
4. Diagram why Earth has summer and winter.
5. Why does the temperature in the stratosphere increase?
6. Why does the troposphere contain most of the atmosphere's mass?
7. Explain the three types of heat transfer (conduction, radiation and convection). Give examples of each.
8. What is coal used for and how does it fit in the carbon cycle?
9. Why is the health of the ozone layer so important to us?
10. Describe three pieces of evidence for climate change.
11. Why do CO₂ levels decrease in the spring and increase in the winter?

12. What are two greenhouse gases and what are their sources?

13. Diagram the Greenhouse Effect and explain how it relates to climate change.

14. In one paragraph, describe the ozone layer and tell the reader how the ozone affects you and how you can help make the ozone healthier.