

Name _____

Date _____

Block # _____

**Honors Earth Science
Chapter 1 Test Review**

1. Define a model.
2. Compare and contrast an open and closed system.
3. Is Earth an open or closed system? Why?
4. What is the atmosphere?
5. Where is most of the Earth's fresh water found?
6. What is the biosphere?
7. What is the hydrosphere? What makes up the largest component of the hydrosphere?
8. What is the role of phytoplankton in the carbon cycle?
9. Define a cycle.
10. What is a biogeochemical cycle?
11. Define transpiration.

12. How does carbon enter into the atmosphere?

13. What is the energy cycle? What is the Earth's major source of energy?

14. Define albedo. Give an example of something with a high albedo and a low albedo.

15. What is the oxygen cycle? How is oxygen contributed to the atmosphere?

16. Where is most of the carbon on Earth found?

17. What is the nitrogen cycle? What organism drives the nitrogen cycle?

18. What is the geosphere?

19. How is the ozone being depleted? Explain this process.