Atmosphere Unit Remediation

Name	Date	Period
Go to this website: http://www.uen.org/core/scie	nce/sciber/sciber9/i	ndex.shtml
Click on the Atmosphere link in the middle of the part Atmosphere Unit Test, you will need to read throu Utah Core for Earth Science and answer the questi this unit. The last day this remediation packet will 2018	gh the following secons in order to try a	ctions of this online text from the and learn more about the topics of
Student Signature		Date
Original Unit Test Score%		
Utah Sci-ber Text		
You Are My Sunshine		
1. Describe what can happen to sunlight when it s	trikes the earth.	
2. Looking at the map, how does the energy striking	ng the earth shift fro	om January to April?
The Greenhouse Effect		
3. What is a good definition of the atmosphere?		
4. How is the earth's atmosphere kind of like a gre	eenhouse? How is it	t different?
5. What are some of the most common greenhous	se gases on Earth?	
6. Why is carbon dioxide one of the most importa many other greenhouse gases?	nt greenhouse gase	s if it is not even as powerful as
7. Watch the video at the bottom of the page. WI	nat are the greenho	use gases?
Have Humans Changed the Carbon Cycle?		

8. What is the carbon cycle?
9. How have humans influenced the amount of carbon dioxide in the atmosphere during the last 200 years?
10. What is deforestation? How does it affect the carbon cycle?
Air Pollution
11. What is the major cause of outdoor air pollution?
12. Describe three examples of air pollution generated by fossil fuel burning.
13. What is acid rain? How does it affect our environment?
Energy and Latitude
14. Why is the sun's energy not spread evenly over the earth?
15. Why does the equator warm up more than the poles?
16. How does the uneven heating of earth's surface affect the circulation of the atmosphere?
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16. How does the uneven heating of earth's surface affect the circulation of the atmosphere?17. Answer the practice and review questions at the bottom of the page. Then, check your answers.

20. How many wind belts (convection cells) are formed in the northern hemisphere? What are their names and locations?
What Causes Weather?
21. What is an air mass?
22. What determines the characteristics of an air mass?
23. Define a weather front.
24. Diagram and describe the following fronts: warm, cold, and occluded.
Forecasting the Weather
25. List the weather instruments used to measure the following: air pressure, air temperature, humidity, wind speed, and wind direction.
I feel a storm comin'