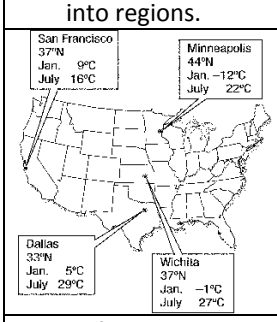
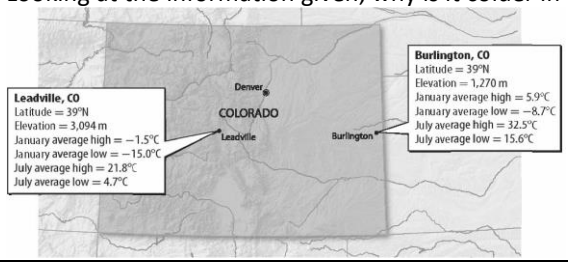
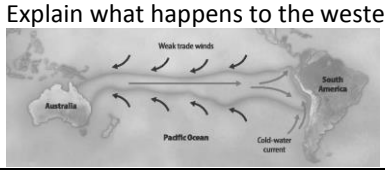
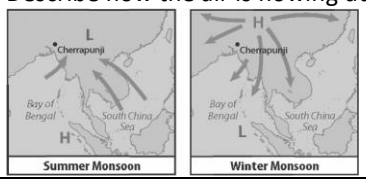
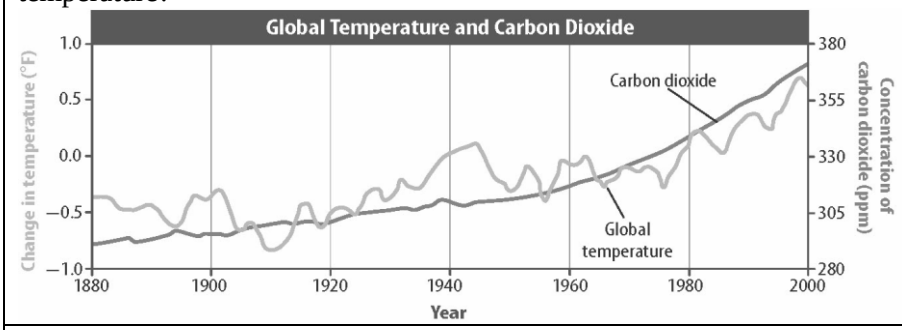
Science 1 ~ Chapter 6 Study Guide ~ **Test: Wednesday, 2/3/16**

Lesson 1	
1. What are 3 factors that influence climate?	
2. Climate classification systems use _____, _____, and _____ to divide them into regions.	
 3. Which cities are located at the same latitude? 4. Which city has the biggest range in temperature? 5. What factor influences San Francisco's climate? 6. Minneapolis is cold in the winter because…	
7. Define climate:	
7. Looking at the information given, why is it colder in Leadville? 	
Lesson 2	
8. Explain what happens to the western coast of South America during an El Nino. 	
9. True or False: a. the tilt of Earth's axis causes the variation between seasons. b. The tilt of Earth's axis changes in 41 year cycles. c. If there was a decrease in the tilt of Earth's axis, there would be less difference in temperature between summer and winter. d. If there was an increase in the tilt of Earth's axis, there would be a greater difference in temperature between summer and winter,	
10. Describe how the air is flowing during the summer and winter monsoon. 	
11. Define: Ice Age: Interglacial:	
Lesson 3	
13. When gas, oil, and coal are burned, _____ is added to the atmosphere.	
14. Why do people adapt in polar climates to build houses on stilts?	

15. How do the changes in concentration of carbon dioxide compare to the global temperature?



16. Why is it difficult to test the accuracy of global climate models?

Matching

a. dry climate ___ hot summers, cooler winters, very low precipitation
b. polar climate ___ warm summers, mild winters, high precipitation, humid
c. mild climate ___ warm year round, high precipitation
d. tropical climate ___ cold year round, minimal precipitation
e. continental climate ___ warm summers, cold winters, moderate precipitation

Looking at the images below, label the season the Northern Hemisphere is experiencing.