Name:	
Date:	
Title: Climate	
"Climate is what you expect, weather is what you get."	
What is the difference between weather and climate?	
What characteristics are used to classify climate?	
What Koppen classification describes the climate for your region? Give its features	
Select two other Koppen climate categories and describe their features	
What is the "greenhouse effect"? Why is it important to Earth?	
What are the two most important greenhouse gases?	
What are some trace greenhouse gases?	

Describe briefly some climate-feedback mechanisms.	
What are at least three consequence of global climate change over this century?	
Now go to http://www.ametsoc.org/amsedu/ecs/home.html . Use this for the next s	set of questions.
Open the "NOAA Climate.gov" portal. Explore and describe at least three sections on this site.	
Open the "State of the Climate 2015" portal. Explore and describe at least three sections on this site.	
Open the " <u>US City Climatologies</u> " portal. Explore and describe at leave five features for the location of your choice. Give its name.	

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Go to: http://downloads.globalchange.gov/usimpacts/pdfs/climate-impacts-report.pdf Go to the "Key Findings" (p. 16). In the left column below, list at least five key findings, and write your reaction to them in the right column.	

Go to the 2014 National Climate Assessment Highlights	
(http://nca2014.globalchange.gov/). Explore the Highlights and note at least five	
possible impacts in your region.	
What is "phenology"? How can phenological research help us understand climate change?	