Do this last and use the other 2 assignments to help you

Name_____

Date_____

Hour_____

Climate Model Grade Sheet

1. Size	_____/2
2. Latitudes	_____/4
3. Pressures	_____/4
4. Sky conditions	_____/2
5. Wind direction	_____/4
6. Wind Names	_____/3
7. Two Gyres	_____/2
8. Mountain Ranges	_____/2
9. Cities	_____/10
10. City weather	
2 pts. each city	_____/20
Total Points	_____/53 **Grade** _____**%**

Climate Model Instructions

You are going to construct a Continental Climate Model. Your continent may be any irregular shape you like but it must fit certain parameters. You may use blank white paper or construction paper. You are drawing it not creating a 3D model.

1. The size of your Continent ranges from at least the equator to a polar region.

2. Include major lines of latitude, 0°, 30° N or S, 60° N or S, and 90° N or S latitudes evenly spaced.

3. Pressures associated with these latitudes.

4. Sky conditions associated with these latitudes.

5. Global wind directions and their names.

6. Ocean currents (Gyre) on each coastline (use N.America as an example)

7. At least two mountain ranges, at any latitude or length

8. At least 10 cities.

    a. three are coastal (at least one per coast)

    b. at least one is located in the interior of the continent

    c. at least one in a high latitude and one in a low latitude

    d. at least two in a mountain range (windward and leeward side)

    e. the remaining cities my be placed where you like

Your job is to describe the climate, relative temperature and precipitation, each city will experience due to their specific location in your continent. Include the factor that influences the climate at each city. Use your imagination and name your continent and your cities. Use the attached sheet to discuss each cities climate.

Due Date _____

City Weather Report

1._____

Temperature_____Precipitation_____

Factors_____Factors_____

Influence_____ Influence_____

2. _____

Temperature_____Precipitation_____

Factors_____Factors_____

Influence_____ Influence_____

3. _____

emperature_____Precipitation_____

Factors_____Factors_____

Influence_____ Influence_____

4. _____

Temperature_____Precipitation_____

Factors_____Factors_____

Influence_____ Influence_____

5. _____

Temperature_____Precipitation_____

Factors_____Factors_____

Influence_____ Influence_____

6. _____

emperature_____Precipitation_____

Factors_____factors_____

Influence_____ Influence_____

7. _____

Temperature_____Precipitation_____

Factors_____Factors_____

Influence_____ Influence_____

8. _____

Temperature_____Precipitation_____

actors_____Factors_____

Influence_____ Influence_____

9. _____

Temperature_____Precipitation_____

Factors_____Factors_____

Influence_____ Influence_____

10. _____

Temperature_____Precipitation_____

Factors_____Factors_____

Influence_____ Influence_____