

Objectives: Student will understand difference between weather and climate.
Student will understand what affects climate has on an area.

Day 1: Teacher will lead a class discussion on the current weather conditions covering temperature, precipitation, cloud cover, etc... Teacher will then ask if these conditions are normal for this time of year? This location only?, etc... The class will then be asked to compare what they know of Michigan winter weather with Florida winter weather. Teacher will then discuss climate and how that differs from weather.

Day 2: Climate Zone Project will be assigned. Climate zone project details on next page. Climate zones and project groups will also be assigned at this time. Class time to work on project.

Day 3: Time to work on project. Questions due.
Teacher will select 3 questions from each group and create a climate zone review sheet for each student to use on day 4.

Day 4: Each group will present their climate zone to all of the other groups individually. Every student will have a climate zone review sheet to fill out as they are viewing each of the projects. The teacher will need to create a rotation sheet that accommodates the number of groups in class.

Name: _____

Climate Zone Project **(Modified – Original from Kate Hagerman)**

Task:

Each group will be assigned their own climate zone to investigate. You will present your information in a creative manner on a tri-fold poster board to the class.

Information:

Your presentation must include the following information:

1. A scene that depicts the conditions in your climate
2. The factors that affect your climate
3. Countries/major cities located in the climate
4. Common plants and animals from that climate
5. What is the effect on population due to climate factors
6. Foods found in that climate
7. Cultural events that have evolved because of the climate
8. A list of resources used using the bibliography page given
9. The group members(s) names and what each member was responsible for on the project.

Questions (Due at end of Day 3):

Each group will also hand in a list of 10 good questions that other students could answer by examining the poster. There needs to be at least one question for each of the 1-7 items listed above.

Due Date:

The completed posters and questions will be due on _____.

Bonus points will be awarded if a food item is brought into class to share that is related to your climate, or if **each** group member dresses (school appropriate) as if they were living in that climate.

Grading:

The grading for each member will be as follows:

- _____ overall poster quality (10 points)
- _____ individual information (13 points)
- _____ Use of class time/participation in group (10 points)
- _____ creativity (5 points)
- _____ quality of questions for review sheet (5 points)
- _____ Climate zone review sheet filled in correctly (7 points)
- _____ Bonuses (up to 6 points)

