Introduction
You are a travel agent hired to design a travel brochure featuring one of the major biomes: tundra, tropical rain forest, desert, deciduous forest, grassland, savannah, Boreal forest, and chaparral. You may choose one (1) of the biomes. You may talk in general about that type of biome or choose a specific location located in that biome.

First research the information and answer the questions. These questions will be turned in with final product and part of your grade.

You will then use the information to create a brochure. Be Creative!

You will be given class time to complete this project, but you may also work on the assignment at home. In other words, use your time wisely. This is a major test grade!

The project may be created using Microsoft Word, Publisher or Google Docs. Brochures can be submitted as a hard copy or e-mailed to your teacher, if you do not have access to a printer. Hard copy is PREFERRED.

If you really want to complete your brochure by hand you may, but understand you will be held to the same high expectations as the electronic versions.

- In Google Docs, click on Create and Search for templates. You will find a science brochure template in there to use. When done with this project, please share with your teacher via the following email: fireng.brian@chandler.k12.az.us. You must also print to turn in.
- In Microsoft Word or Publisher, select a brochure template. Print to turn in.

Required components
Page One: (Front Cover) Title Page:
1. Create a cover that is attractive, capturing and inviting. The cover should lure would-be vacationers to your area. The cover should include: The name of the biome
2. A web-based picture of features in the biome.
3. A Slogan, quote or greeting that grabs the attention of the reader.
Page Two: Location and Description of the Biome:
1. A world map with color coding to show the location(s) where the biome is found. The location(s) must be clearly labeled with the name of the biome.
2. A general description of the biome
3. A description of any special landmark and/or feature (mountains, lakes, etc.)

Page Three: Plants and Animals - Biotic Factors
1. Describe the dominant plants in the biome. Describe any adaptations they have that enables them to live in your biome. Include an Internet based drawing of these organisms. *(At least 2 plants)*
2. Describe the dominant animals in the biome. Describe any adaptations they have that enables them to live in your biome. Include an Internet based drawing of these organisms. *(At least 2 animals)*
3. A decomposer (mushrooms, molds, fungi):

Page Four: Climate, Soil, Rainfall – Abiotic Factors
1. Create a climographs of for you biome from the previous year.
2. In a paragraph, describe the high and low amounts of precipitation, the high and low temperature, and the patterns in the climographs.
3. Based on the climograph, suggest a good time to visit the biome and give a reason why.

Page Five: A Food Chain or web from the Biome
1. Must include an illustration for each organism
2. Must include at least four organisms
3. Must include the name of each organism
4. Include arrows in food to show the direction of the energy flow.
5. Label and describe food chain/web. Include the following vocabulary words: *Tropic levels*, *producers*, *primary consumers*, *secondary consumer*, *autotrophs*, *heterotrophs*, *herbivore*, *carnivore*, and/or *omnivore*, *decomposer*.

On the back:
1. Choose an environmental, social or economic issue that the people who live in your biome deal with. Describe the issue. Use at least one of the pillars of sustainability to explain how the issue is being either successfully or unsuccessfully being dealt with.

Quality
Overall Neatness, Grammar, Spelling, Creativity, Accuracy of Information *Points will be deducted for spelling and grammar errors.*
Research: These questions will be turned in with final product and I part of your grade.

Title Page:
1. The name of the biome:

2. A Slogan, quote or greeting that grabs the attention of the reader.

3. Ideas for a picture?

Page One: Location and Description of the Biome:
4. Where is the biome located? (Remember, you use a general biome or choose a specific location, for example, a city or national park located in that biome).

5. A general description of the biome

6. A description of any special landmark and/or feature (mountains, lakes, etc.)
4. Describe the dominant plants in the biome. Describe any adaptations they have that enables them to live in your biome. Include an Internet based drawing of these organisms. (At least 2 plants)

5. Describe the dominant animals in the biome. Describe any adaptations they have that enables them to live in your biome. Include an Internet based drawing of these organisms. (At least 2 animals).

6. A decomposer (mushrooms, molds, fungi):
4. Fill out the data table to create a climograph:

| Name of Location ______________________________________________ |
| Month | J | F | M | A | M | J | J | A | S | O | N | D |
| Precipitation (cm): | | | | | | | | | | | | |
| Temperature (°C) | | | | | | | | | | | | |

5. Create a climograph of for you biome from the previous year. ** you must create your own on this paper, for the brochure, you can use one that is already complete.

6. In a paragraph, describe the high and low amounts of precipitation, the high and low temperature, and the patterns in the climographs.

7. Based on the climograph, suggest a good time to visit the biome and give a reason why.
Page Four: A Food Chain or web from the Biome

6. Sketch a picture of a food chain or a food web. Use the organisms from “Page Two: Plants and Animals - Biotic Factors”. Must include at least four organisms including a decomposer. Include arrows in food to show the direction of the energy flow. Label and describe food chain/web. Include the following vocabulary words: Tropic levels, producers, primary consumers, secondary consumer, autotrophs, heterotrophs, herbivore, carnivore, and/or omnivore, decomposer.

On the back:

2. Choose an environmental, social or economic issue that the people who live in your biome deal with. Describe the issue. Use at least one of the pillars of sustainability to explain how the issue is being either successfully or unsuccessfully being dealt with.