Purpose: You are a travel agent selling vacation packages to tourists in North America. Create a brochure promoting a preselected Biome based on your last name…(see list below). The brochure may be humorous or serious, but all the data should be accurate and scientific!

Directions: Fill in attached worksheet as Research is completed

1. Select a City that is found in a biome based on your last name to promote as a unique and pleasurable travel experience.

<table>
<thead>
<tr>
<th>A-D</th>
<th>Tropical Rainforest</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-G</td>
<td>Desert</td>
</tr>
<tr>
<td>H-K</td>
<td>Deciduous Forest</td>
</tr>
<tr>
<td>L-O</td>
<td>Grasslands</td>
</tr>
<tr>
<td>P-S</td>
<td>Tundra</td>
</tr>
<tr>
<td>T-V</td>
<td>Coniferous Forest (Taiga)</td>
</tr>
<tr>
<td>W-Z</td>
<td>Temperate Rainforest</td>
</tr>
</tbody>
</table>

2. Identify the biome this city is associated with

3. Describe the following abiotic and biotic traits (investigate these words!) of the biome in your travel brochure. Use as much information as possible, including:

   a. Year round Average High and average Low Temperatures
   b. Average amount of precipitation for the year.
   c. Types of Producers (3-5) (include pictures)
      i. (2-3) Adaptation that plants have for survival
   d. Types of Consumers (include pictures)
      i. Include 2-3 primary, 2-3 secondary and 2-3 tertiary consumers (investigate these words!)
      ii. List some adaptations these consumers have to be successful in this biome
   e. Include a food web with the producers and consumers above in part c and d.
   f. Include an energy pyramid from a food chain within your food web.
   g. Include an ecological issue or concern that may affect the diversity of producers and consumers.
   h. Include a color coded north American biome map that has your city placed in the correct geologic location
      i. https://www.google.com/search?q=north+american+biomes&rlz=1C1RNZZ_enUS524US532&source=lnms&tbm=isch&sas=X&ved=0ahUKEwjh4mCm8_TAhXDzVQKJHSS-A10Q_AUICigB&biw=812&bih=445&safe=active&ssui=on#imgdii=k1OMeX09m5L4hM.&imgrefurl=https://www.google.com/search?q=north+american+biomes&rlz=1C1RNZZ_enUS524US532&source=lnms&tbm=isch&sas=X&ved=0ahUKEwjh4mCm8_TAhXDzVQKJHSS-A10Q_AUICigB&biw=812&bih=445&safe=active&ssui=on#imgdii=k1OMeX09m5L4hM.
      ii. Include any other interesting or unusual fact that tourists may not know about

j. Include bibliography citations of research, pictures,
   i. http://www.citationmachine.net/mla/cite-a-website
   ii. https://www.easybib.com/guides/citation-guides/mla-format/how-to-cite-a-website-mla/
   iii. others

For example, if your name is Jane Doe, then your project will be over the North American Desert
4. **Biome Project Specs**
   - Create a trifold travel brochure.
     - You may use templates off the internet to assist you with this. A possible website for Google docs is: [https://docs.google.com/presentation/u/0/?tgif=d](https://docs.google.com/presentation/u/0/?tgif=d)
     - You may also use Microsoft Words or Microsoft Publishing
   - Your “Biome” Travel Trifold Brochure must be TYPED using an easily readable font (ex: Times, Arial) no less than 10 points and no larger than 12 points. If you are unable to type then expectations are to have a very neat handwriting...
   - You are creating a SALES presentation for a vacation spot! PITCH your travel package! (Why would someone want to visit?)
   - Tour travel brochure must be about a SPECIFIC LOCATION that is located in your designated North American Biome.
   - All photos must have captions (9 point type)
     - Be sure to use websites in citation part of brochure
   - Use bulleted FACTS only!!! (NO sentences allowed!!) Keep word count for each bullet under 8 words! You may have several bullets for each section
   - All six sides must be used.

5. **Your brochure project will be graded based on:**
   - Accuracy/Thoroughness of all the abiotic and biotic features from above – 70 %
   - Neatness – 20 %
   - Sources – 5 %
   - Internet Research Worksheet – 5 %

     **Total 100 points!!**

IMPORTANT! Trifold Brochures are due the **First Day of School!**
**Internet Research Worksheet** (To be turned in with brochure)

1. What is your biome?

2. What city did you select in this biome?

3. What state do you find this city?

4. What is the average temperature range for the year?

5. What is the average precipitation for the biome?

6. 3-5 **specific** type of producers that grow well in area

7. What are 2-3 adaptations that these producers for the survival in this area

8. List 2-3 types of Primary, Secondary and Tertiary Consumers found in this area.

9. Adaptations that some consumers have for the area for the success of their species

10. Attach a food web for this area that incorporates some producers and consumers from above (#6 and #8)

11. Create an energy pyramid from one food chain within your food web.

12. Determine an ecological concern or issue from this area

13. Find a Biome map of the North American continent and show the geological region where your vacation spot is. (do not have to include it here….but must be in the brochure

14. List 2-3 interesting or unusual information about this location

15. Citations- Sources used for facts and pictures