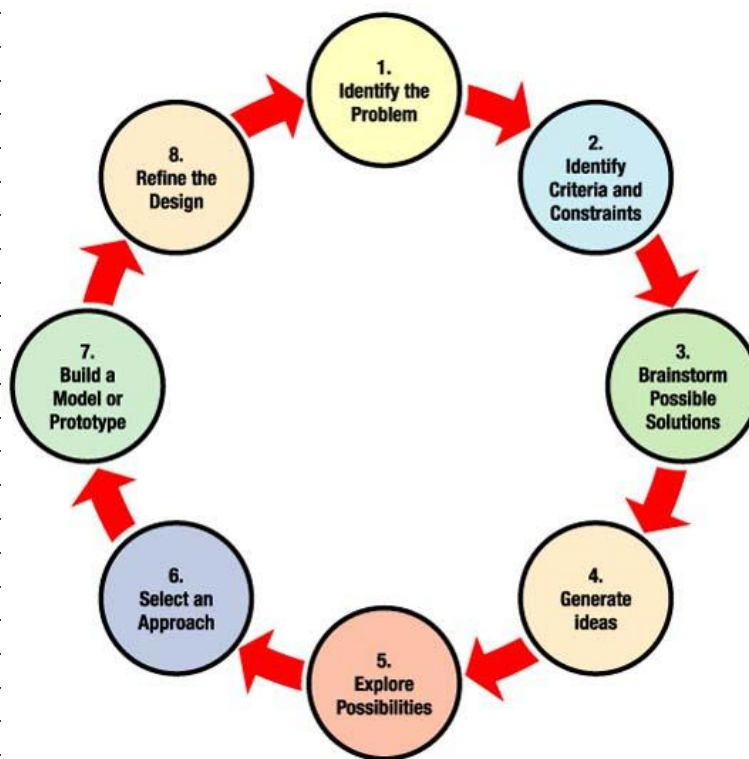


The Earth is covered by hundreds of different types of ecosystems. For convenience, ecologists group them into a few biomes. Biomes are areas that have distinctive climates & organisms. In this project each of you will choose your favorite biome that we have studied. You will be required to prepare an informational guide, which will not only inform the class on your biome, but will give them a “virtual tour”. You will earn **14 points** for making the guide plus those points indicated below. You can make sure that the class has understood your presentation by giving them a worksheet or quiz on the information you are presenting.

Follow the design process in creating your guide: Use the space around the concept map to take notes (**8 Points**)



Your guide can be in, but is not limited to, any of the following formats:

- Organized travel brochure (paper or through Microsoft Word or Publisher)
- Public Service Announcement (PSA) (for travelers) advertising the good the bad and the facts of different biomes – could reflect current area residence looking to get away from this unpredictable weather and travel to some place desirable.– see current PSA with the [heart “attacking”](#) that guy and people just watching.
- PowerPoint
- Poster - paper or virtual using <http://poster.4teachers.org/> (on right side under student login: “Create a New Poster”, click “next” under the four circles, give your name, enter my name – mechel golenberke - codes for periods: 1, 231048; 3, 231049; 4, 231050; 7, 231051; 8, 231052 & make up a password) – you may want to make more than one poster to complete the whole project. Save your id & url.
- Presentation using web/apps: **edureations** – you have an app for this, but first register at this link to be in my class: <http://www.edureations.com/sr/46C575> or **showme** <http://www.showme.com/> (username golenberke1/3/4/7/8, password casheagles) or **glogster** <http://edu.glogster.com/> (nickname: golenberke1/3/4/7/8, password: casheagles)
- Prezi presentation <http://prezi.com/> (use website to create; app to present)

Some of the information for your biome will be found in your book. You will also use the internet – some useful resources are:

- Biomes - Missouri Botanical Gardens <http://mbgnet.mobot.org/sets/>
- The World's Biomes <http://www.ucmp.berkeley.edu/glossary/gloss5/biome/>
- Biomes of the World <http://www.teachersfirst.com/lessons/biomes/>
- Introduction to Biomes <http://www.runet.edu/~swoodwar/CLASSES/GEOG235/biomes/intro.html>

This is how you should complete this project:

1. Choose at least four destinations on the “tour” of your biome. **(4 points)**

These destinations may be fictional – use your imagination but make sure that they are possible in your biome. List them:

1. _____
2. _____
3. _____
4. _____

2. Make sure to include the following facts about your biome (much of this info is in your book):

→ where your biome is located geographically **(1 point)**

→ include 2 vocabulary/new words (& definitions) – can come from the textbook **(2 points)**

→ average temperature **(1 point)**

→ average precipitation (or if this applies) **(1 point)**

→ two typical plants & two typical animals found in that biome **(4 points)**

→ two typical plants &/or animals adaptations that make organisms successful in that environment **(2 point)**

→ a specific threat to your biome **(1 point)**

3. Include 5 other points of practical information (travel tips) about your biome in general or at particular destinations, for example: what temperature and how much rainfall to expect, what plants and animals might be encountered, points on interest, warnings, and advice about how the seasons could affect travel. **(5 points)**

Some questions to consider:

What kinds of activities could people do in this location?

What kind of clothes would someone bring?

What part of the world will they be travelling to?

4. Include at least six pictures that illustrate characteristic features of your biome in general or particular destinations. **(6 points)**

*at least one picture should illustrate a plant adaptation

*at least one picture should illustrate an animal adaptation

5. Include one chart, graph or data table. **(2 points)**

6. You should list 2 websites from which you collected information at the end of your project **(2 points)**: Do not cut and paste information from websites that you use. Information should be in your own words! Plagiarism of any kind will result in a project grade of zero and an administrative referral!

7. One more CRITERIA: **(3 points)**

- ✓ Neat
- ✓ Colorful
- ✓ Creative



Complete lab questions after you have viewed another person's project (two points each = **12 points**). Answers should be in complete sentence & well thought out. Answer all parts of the questions.

Write what you mean to communicate with me!!

→ Name of person whose project you reviewed: _____ Biome: _____ (**2points**)

1. Look at another person's project in person or virtually. Play the role of a tourist to learn about the biome. Describe some things that you have learned. Would you actually like to visit this biome? Why or why not?

2. What are some of the common characteristics shared by all of the locations on the biome tour?

3. What are some differences among the various locations on the biome tour?

4. Describe how the people who live in the places on your tour are adapted to fit the conditions of their biome.

5. Do you find destinations widely scattered across the globe that belong to the same biome. If so, are you surprised that widely separated places may be in the same biome? Why or why not?

6. Compare your project to the biome project you have reviewed. (Think about #5 in your design process.) How was their project different than yours? Do you think that you might have done your project differently if you had looked at theirs before decided on your approach? Are there any ideas that you like that you might have used?

MAKE SURE YOU HAND THIS SHEET IN!

Extra Credit: Create a worksheet, quiz, puzzle or other class activity to be sure that the class understands your biome. Make sure you do the following:

- include at least 8 questions in your activity (**4 points**)
→ go over correct answers (include a key) (**1 point**)