**Project**: Remaining Ecosystems

**Goal** Students will research, prepare a webpage and present the remaining ecosystems of the San Francisco Bay Area.

Webpage: <http://zanniedallara.weebly.com/eco-remaining-ecosystems-webpage.html>

**Remaining Ecosystems**

|  |  |
| --- | --- |
| 1. Current:
	* ~~The Estuary~~
	* ~~Open Ocean~~
2. Past Semester:
	* ~~Freshwater - Watersheds~~
	* ~~Redwood Community~~
	* ~~Oak Woodlands – Kule Loklo/Point Reyes~~
 | 1. Marine Ecosystem - Rocky Shoreline
* Ex: Duxbury Reef/Agate Beach
1. Marine Ecosystem -Sandy Beach
* EX: Muir Beach
1. Terrestrial Ecosystem - Chaparral
* EX: Marin Headlands/MMWD
 |

**Presentation Format**

1. Create a **Webpage**
	1. Weebly.com is free and easy
2. Prepare a **presentation** to the class.
3. Include a note guide **Note Guide for classmates.**

**Include**

**Benchmark#1**

1. Set up web page on Weebly (or other format, I can help you with Weebly)
2. Publish and send me a link

**Benchmark#2**

1. Research outline

**Benchmark#3** (Posted on webpage)

1. What is this ecosystem, how is it characterized
2. Functions (why it is needed – *think fresh water flood control and chemical processing*)
3. A local example

**Benchmark#4** (Posted on webpage)

1. Key ecosystem elements
	1. Diagram of layout
	2. Abiotic and biotic factors
	3. Key species (2 plants and 2 animals minimum)
	4. Include 1 Invasive Species and the role/damage it plays
	5. Adaptations that species have to the habitat

**Benchmark#5** (Posted on webpage)

1. Debbie downer
2. What people are doing to help
3. References

**Benchmark#6**

1. Be ready for mock presentations and peer edit

**Benchmark#7**

1. Note Guide prepared (uses Cloze note format, or other note taking guide)
2. Printed out

**Benchmark#8**

1. Present (20-30minutes)

**Extra Credit:** Come up with a **lab** to explore ecosystem in class

**Rubric**

|  |  |
| --- | --- |
| Topic: | Group Members: |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CATEGORY | Comment | **A** | **B** | **C** | **D/F** |
| **Webpage** | **/10** | Each section in the Fact Sheet has a clear beginning, middle, and end.All facts in the Fact Sheet are accurate.Attractive formatting and well-organized informationPictures to support content  |
| **Benchmark #3** | **/10** | **Benchmark#3** * 1. What is this ecosystem, how is it characterized
	2. Functions (why it is needed)
	3. A local example
 |
| **Benchmark #4** | **/10** | **Benchmark#4** * 1. Key ecosystem elements
	2. Diagram of layout
	3. Abiotic and biotic factors
	4. Key species
* 2 plants and 2 animals minimum
	+ Include 1 Invasive Species and the role/damage it plays
	+ Adaptations that species have to the habitat
 |
| **Benchmark #5** | **/10** | **Benchmark#5** * 1. Debbie downer
	2. What people are doing to help
 |
| **Notes and Note guide** | **/10** | Printed before classUses cloze note format, or other easy to use format Well thought outCovers all content  |
| **Presentation** | **/10** | 20-30minsPreparedEach student knows their own section ProfessionalEye contact (not reading)Use of visuals to support information  |
| **Ref** | **/5** | Careful and accurate records are kept to document the source of the facts and graphics in the webpage |
| **Rough Draft** | **/15** | On time + Complete + Showing effort in every area |
| \_\_\_\_\_/80A=80-72 B=71-64 C=63-56 D and Below=55⇓ |