

Monday, May 17th



↑  
oak savanna  
○



↖  
coniferous  
forest



↘  
riparian  
bottomland

Warm-Up:

(keep in notebook, I will come around and check)

- List three plant communities that are native to the Willamette Valley (you learned about earlier this year).
- Describe one characteristic of each community.

## Condensed Arboretum Project:

Goal: Develop a cohesive plan for the planting of three native plant communities on the arboretum site based on observed soil conditions.

### To do list:

1. conduct background research (15 min.)
2. map the site (30 min.)
3. develop plant community plan and map (30 min)
4. write justification for your plan (10 min)

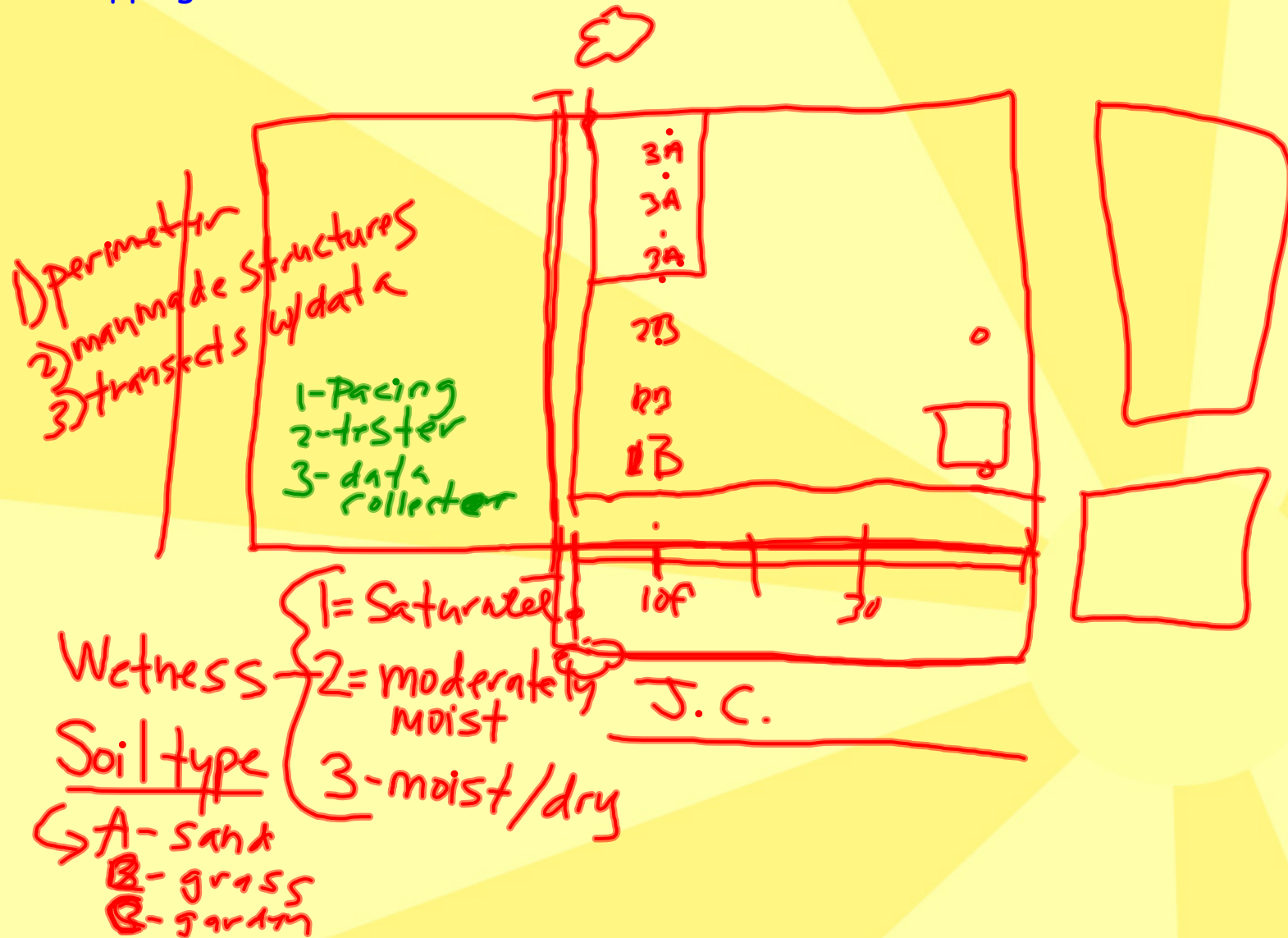
### Quick Web Research:

1. Find and list three types of native plant communities in the Willamette Valley.
2. List 10 plants from each community that you might want to use in your plan.
3. Use a mixture of trees, shrubs, and herbs.
4. Record the soil conditions they need or can tolerate (moist, wet, drought tolerant).
5. Record how large these plants will eventually get.

### Quick Web Research:

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Mapping the site:



Wednesday, May 19th

Warm-Up:

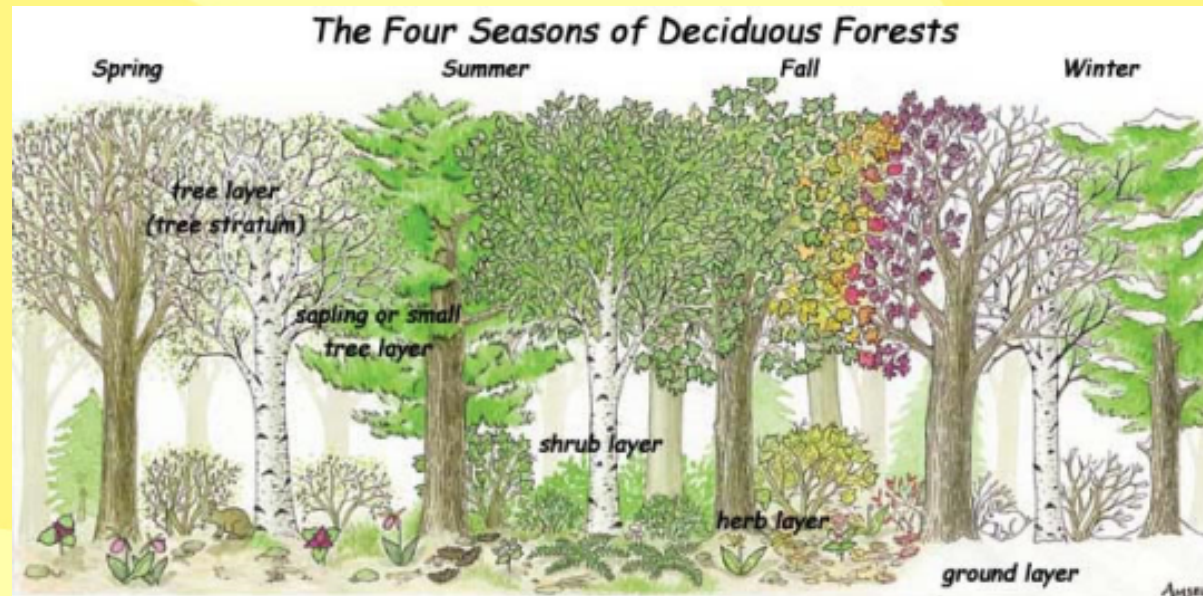
You are developing a plan for a native plant arboretum for CV High School. You need to sell your ideas to school administrators. List three reasons why you think it is a great idea to have this arboretum on campus.

Goal: To create an authentic arboretum plan and justification. Due at end of class.

### Agenda

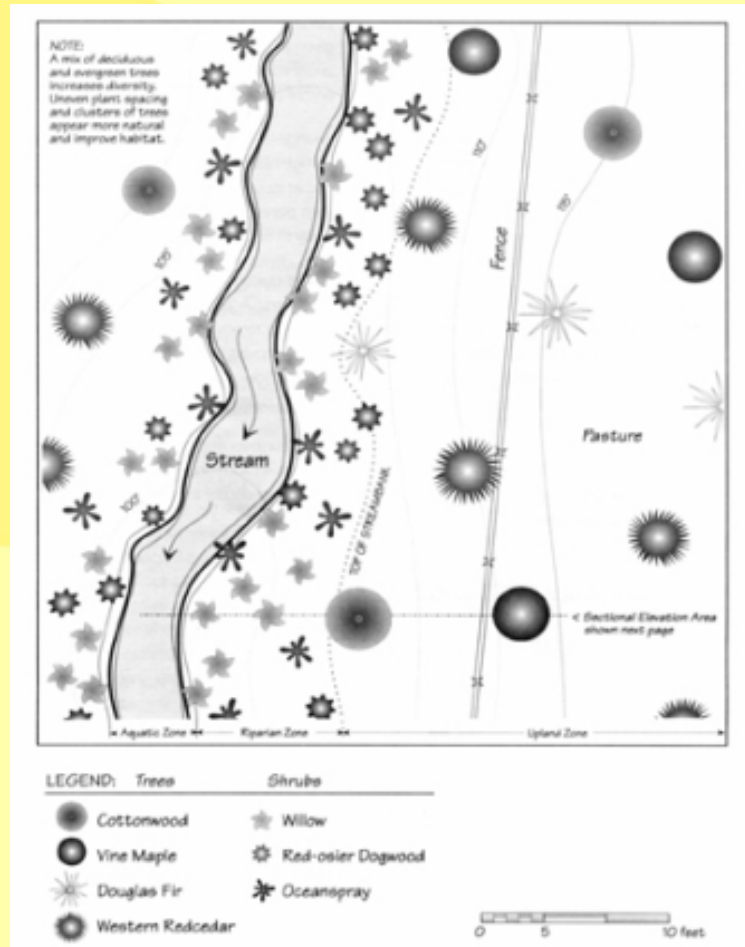
1. 15 minutes for additional background research.
2. Create your map with 3 plant communities (Douglas Fir Forest/Oak Woodland/Riparian). (30 minutes)
3. Write justification to go along with map. (30 minutes)

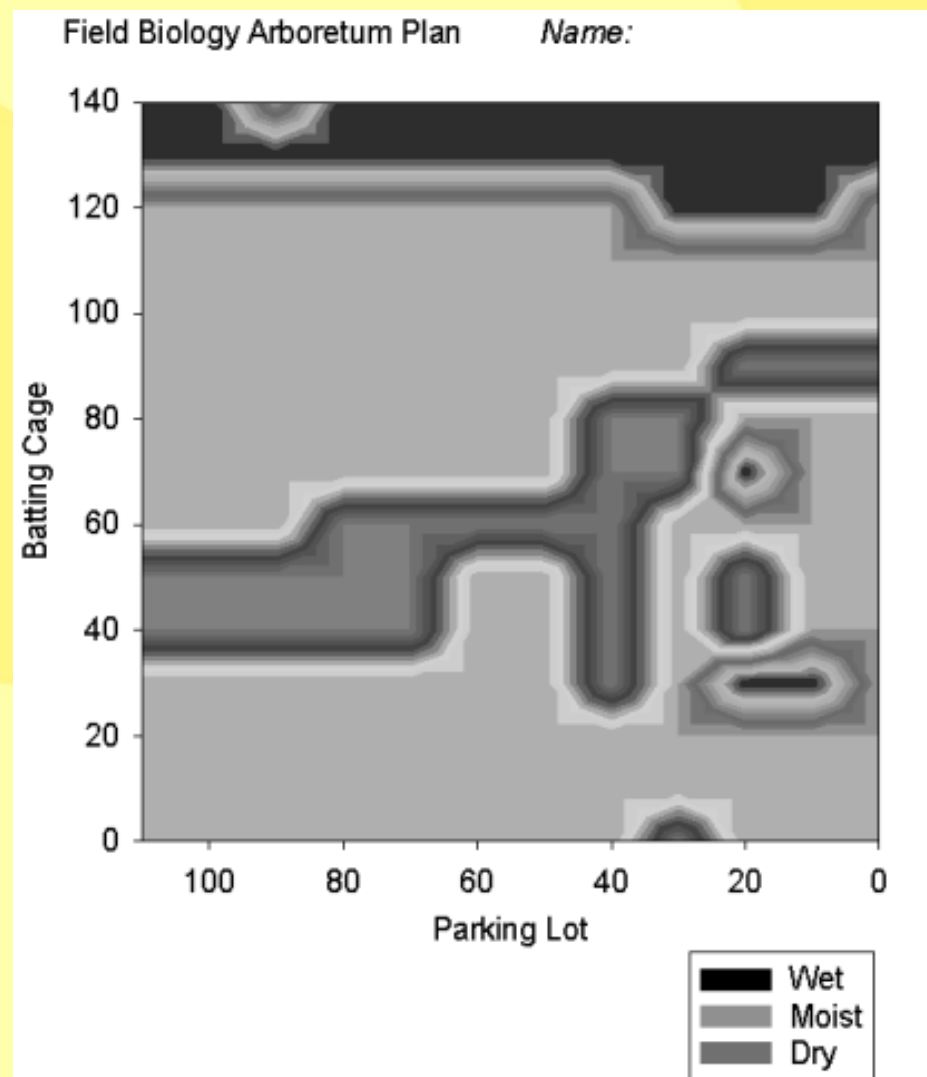
# Creating Your Arboretum Plan



Considerations:







## Writing Your Justification

Using the data you gathered from your online research and soil observations, write a justification to compliment the arboretum plan you created.

1. Start with a short introduction about the overall project by answering the following questions:

- What is an arboretum?
- Why is it important to have a native species arboretum on our campus?
- What native plant communities do you want to include in the arboretum and why?

2. Include at least one paragraph describing why you chose specific plants for each community and their placement.

3. Conclude justification with a paragraph that ties your ideas together and leaves your reader convinced that your plan is the best!

