

Bio 31.1

Goals: Become familiar with zoom and test capabilities and bellwork for every day

Plan:

- students login to zoom, gain access to free online textbook
- Bellwork: What do you view as the biggest difference between a fungi and a plant?
- Video: plant phylogeny
- Independent work: fungi poster and reading

Bio 31.2

Goals: Cladogram for plants, determining when traits occurred at what levels

Plan:

- Bellwork in chat: How would you identify an unknown plant if you had a reference book? What features should be used in identification?
- Share out and discuss different features
- Independent work: Plant cladogram, determine features based on

HW: obtain leaf samples to share in class tomorrow

Bio 31.3

Goals: Share our samples to the class

Bellwork:

Survey: how would you describe the plant sample you want to share? Pick as many as qualifies

- Trees
- Grasses
- Flowering
- Mossy

Plan:

Compare and contrast leaves by their markings and patterns

Define the two ways leaves can be classified

Small group share: share within the breakout groups how your leaves fits in with the classification scheme. Determine if anyone has the same samples and are from the same tree. How can we tell?

Regroup to share our findings with the class as a whole.

Mini-lab: extraction of chlorophyll (using alcohol)

HW: Fungi poster due Friday