

Talcott Mountain Science Center

Topic Botany - week 1

Home School Science

Instructor Dr. Z

Home Links

Date Sept 22, 2023

Here's some information about the activities your student did with us. Links at the bottom will help you explore further. Enjoy!

What did we do (content, skills, data collection)?

- * Assembled plant presses
- * Lesson - what is a plant, plant uses
- * Collected, sketched, and labeled white wood aster
- * Hike in woods to collect mosses and ferns
- * Put plants in plant press
- * Lesson - plant classification
- * Video - plant evolution
- * Take home - chapter from Braiding Sweetgrass (please read before next week)

How did we do it (materials & methods)?

* Plant presses assembled from MDF board, cardboard, paper, and straps. For the first few weeks as we learn about new plants we will collect and press them. While collecting plants we also write out index cards of info to go with them. In the last couple weeks we will remove the dried plants and assemble them onto herbarium paper to create specimens the same way that scientists do.

Where can we find out more?

* <https://www.youtube.com/watch?v=UrwMUQbUR30> (video we watched in class)

* <https://byjus.com/neet/difference-between-vascular-and-non-vascular-plants/> (vascular vs nonvascular plants)

* http://mossplants.fieldofscience.com/2007/11/why-are-moss-plants-so-short-here-is_07.html (why are mosses so small)