Plant Scrapbook Project

You are a botanist, a scientist who studies plants, at Plant University. You have studied many topics related to plants and are now an expert in botany. You must create a field journal (scrapbook) as your final assessment prior to graduating.

**Your task:** Use the internet, books, and your text to locate pictures and diagrams related to plants and related topics. Create a scrapbook that includes the elements listed below. All pictures must be in color.

1. Create a colorful cover that includes a title and your full name. You are an author now!

2. Provide a table of contents which lists all of your pages in the correct order.

3. Tap Root Diagram (use your book to help)

4. List and define four types of roots

5. Examples of plants. Include the common name, scientific name, its environment, type of root and type of seed.

a. grass

b. wildflower

c. shrub

d. tree

6. Stem Diagram (inside of stem pg. 52)

7. Parts of a Leaf (page 54)

8. Diagram of Plant transport system (page 55)

9. Photosynthesis and Respiration

Diagram for each

Definition for each

10. Two pictures of leaves or actual leaves. Identify the type of plant they are from.

11. Moss Life Cycle (page 100)

12. Fern Life Cycle (page 101)

13. Examples of Gymnosperms – 3 Pictures with identification

14. Parts of a Flower (page 102)

15. Two photographs of Flowers. Identify the type of plant they are from.

16. Select a flower to draw on your own. CANNOT be copied and pasted but you may use the internet or books to assist you with drawing. Label its parts and classify it by type.

17. The Four Types of Flowers (pg 103) – Each type gets its own page and must include:

a. diagram of the flower type

b. labeled photograph of the flower

18. Angiosperm Life Cycle (page 104)

19. Examples of Angiosperms –3 Pictures with identification

20. Diagram and label two types of Seeds

show seed coat

cotyledon(s)

embryo

21. Examples of Flowering plants – 3 photographs or drawings colored and identified

22. Conifer Life Cycle (pg. 108)

23. Examples of Conifers- 3 Pictures with identification

24. Your Favorite plant and why!

Include a labeled picture

3-5 sentences describing why this is your favorite plant