***Wilderness Awareness School Wild Plant Intensive***

 **Primary Path Certification**

**Criterion 1: Plant Biology and Morphology**

*Can define/explain the following in basic concepts***:**

* **Photosynthesis**
* **Xylem and Phloem**
* **Chlorophyll**
* **Angiosperm vs. Gymnosperm**
* **Secondary Metabolites (three classes that represent plant medicines)**
* **Difference between perennial, annual, biannual, woody, herbaceous and parasitic**
* **10 plant family’s floral formulas and ability to name one native species per family (common and botanical name)**

**Criterion 2:Hands On Projects**

**We require that you have** *one project completed* ***per*** *subject***:**

* ***Edible Plant Project***
* ***Medicinal Plants Project***
* ***Plant Fiber Project***
* ***One of Your Own***

**Criterion 3: Ethnobotany and Ecozones**

**Be able to:**

* **Name, identify specific regions and tribes within the three cultural groups we are covering:**

Wakashan

Coastal Salish

Sahaptin

* **Distinguish one native plant species per region that is culturally significant per cultural group.**
* **What are the ethical issues surrounding ethnobotany?**
* **What are the ecozones? (You will be provided with a map to label-this will be a multiple-choice part on your exam)**

**Criterion 4: Herbarium**

* **10 plants pressed and mounted with date, location, common name and botanical name listed**

**Criterion 5: Plant Journal Profiles**

* **10 plant profiles from 10 different families (must use one of the outlines for this provided) one of which has to be from the 3 PLANT**

**Criterion 6: Plant Species Field Eval-**

* **Species Field ID eval of common species**

*You can do the plant profiles on the plants in your herbarium if you wish!*

*The final hands on projects, herbarium and plant journal profiles need to completed by the beginning of our last weekend in October 2023. Please contact me if you EVER need help or guidance in fulfilling this criterion.*