Serpentine Species

Editable Unit Reflection

**Unit Reflection**

**Goal:** I can interpret my data to demonstrate my understanding of serpentine soils.

**Describe your data:**

**How do your soil samples compare-how are they similar, how are they different?**

Example sentence starters: *My data show...My data suggest…According to my datatable...As seen in my datatable Sample A contains...while Sample D contains...*

**Interpret your data:**

**What do these differences mean for the plants who live in these soils? How do plants on low Nitrogen soils such as serpentine adapt?**

Example sentence starters: *In Nitrogen rich soils such as Sample A… In Nitrogen poor soils such as Sample D...As noted in my group’s reading handout….As seen on the Field Trip, plants on serpentine soil…*

**Example Rubric**

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| --- | --- | --- | --- |
| **Criteria** | **1-2** | **3-4** | **5-6** |
| **I describe the data I collected.** | I describe the data unclearly or do not include all samples in my comparison. | I describe the data clearly and describe briefly how the soil samples are different. | I describe the data clearly and accurately, and describe in detail how the soil samples are different. |
| **I interpret the data using scientific reasoning.** | I attempt to explain what the data means, but the explanation is incomplete or not scientific. | I briefly explain what the data means using scientific reasoning and language. | I explain, in detail, what the data means using correct scientific reasoning and language. |
| **I use relevant sources of information.** | I include information from 1 of the following sources (check all that apply)   * Datatables * Reading Handouts * Field Trip info | I include information from 2 of the following sources (check all that apply)   * Datatables * Reading Handouts * Field Trip info | I include information from all of the following sources (check all that apply)   * Datatables * Reading Handouts * Field Trip info |