**Environmental Sciences Learning Goals**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Learning Goals** | **Content (Tests)** |  | **Level** | **What Does This Mean?** | | | | | | | |
| **Unit#1: Local Okanagan Ecosystem** |  |  | **1** | **I have not shown enough understanding to pass** | | | | | | | |
| 1. I can connect the roles of species in the local Okanagan ecosystems |  |  | **2** | **I have shown 50% understanding** | | | | | | | |
| 1. I can explain ecosystem stability and the factors that influence sustainability |  |  | **3** | **I am starting to understand, but have gaps** | | | | | | | |
| 1. I can explain how humans can be a factor of change within an ecosystem |  |  | **4** | **Good understanding, some consistent errors** | | | | | | | |
| 1. I can discuss unsustainable and sustainable human practices |  |  | **5** | **Great understanding, only minor errors** | | | | | | | |
| 1. I can explain First Peoples and traditional ecological knowledge |  |  | **6** | **I can teach this for Mrs. Becker next year ☺** | | | | | | | |
| **Unit#2: Earth’s Water** |  |  |  |  | |  | |  | | |
| 1. I can explain bio-indicators of a healthy water system |  |  |  |  | |  | |  | | |
| 1. I can explain the health factors that contribute to healthy oceans |  |  | **Competencies & Inquiries** | | | | | | | | | |
| 1. I can explain the health factors that contribute to healthy freshwater systems |  |  |  | | **Local** | | **Water** | **Air** | **Land** | **Restoration** | | |
| 1. I can plan for budgeted water use |  |  | **Questioning** | |  | |  |  |  |  | | |
| **Unit #3: Earth’s Air** |  |  | **Planning** | |  | |  |  |  |  | | |
| 1. I can discuss global changes to Earth’s atmosphere |  |  | **Safety** | |  | |  |  |  |  | | |
| 1. I can explain the implications of greenhouse gases |  |  | **Analyzing Data** | |  | |  |  |  |  | | |
| **Unit #4: Earth’s Land** |  |  | **Reflection** | |  | |  |  |  |  | | |
| 1. I can explain factors impacting soil quality |  |  | **Societal Impact** | |  | |  |  |  |  | | |
| 1. I can discuss global food security issues |  |  | **Communication** | |  | |  |  |  |  | | |
| 1. I can explain land management practices |  |  |  | |  | |  |  |  |
| **Unit #5: Human Impact and Restoration** |  |  |  | |  | |  |  |  |
| 1. I can discuss human health and environmental impacts of population growth |  |  | **Learning** | | **Level** | | | | |
| 1. I can plan and take action on a restoration project |  |  | Expert | | 6 | | 95 | 97 | 100 |
|  |  |  | 5 | | 86 | 90 | 94 |
|  |  |  | Apprentice | | 4 | | 73 | 80 | 85 |
|  |  |  | 3 | | 60 | 66 | 72 |
|  |  |  | Novice | | 2 | | 50 | 56 | 59 |
|  |  |  | 1 | | 30 | 40 | 45 |
|  |  |  |  | |  | |  |  |  |
|  |  |  |  | |  | |  |  |  |
|  |  |  | **Work Ethic Expectations** | | | | | | | | | |
|  |  |  | I have a growth mindset and am ready to learn | | | | | | | | | |
|  |  |  | I am willing to learn from my mistakes | | | | | | | | | |
|  |  |  | I am positive in class and a positive contributor to our learning environment | | | | | | | | | |
|  |  |  | I ask questions and push the boundaries of my knowledge | | | | | | | | | |
|  |  |  | I am a considerate team mate and work well with my learning partners | | | | | | | | | |