**Ecology Biodiversity Grading Rubric**

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| Topic | Points Available | Points Earned |
| Plot 1 picture or drawing | 5 |  |
| Plot 1 species diversity chart | 5 |  |
| Plot 1 chart analysis (see reference below this table) | 20 |  |
| Plot 1 Food Web and Analysis (refer to directions) | 20 |  |
| Human Impact on Environment 1 (see reference below) | 10 |  |
| Plot 1 Water Cycle involvement | 10 |  |
| Plot 1 Carbon Cycle involvement | 10 |  |
| Biodiversity Importance Explanation | 10 |  |
| Plot 2 picture or drawing | 5 |  |
| Plot 2 species diversity chart | 5 |  |
| Plot 2 chart analysis (see reference below this table) | 20 |  |
| Plot 2 Food Web and Analysis (refer to directions) | 20 |  |
| Human Impact on Environment 2 (see reference below) | 10 |  |
| Plot 2 Water Cycle involvement | 10 |  |
| Plot 2 Carbon Cycle involvement | 10 |  |
| Biodiversity Importance Explanation | 10 |  |
| Media Presentation | 10 |  |
| SURPRISE ME ☺ (see reference below this table) | 10 |  |
| Total | 200 |  |

**For chart analysis, please include:**

1. % of plants, animals, fungi, and other OR % of insects, terrestrial animals, aquatic animals, plants, other. This may be in the form of a pie chart or written. Provide a sentence explanation as to why you feel the distribution is the way it is.
2. Analyze the overall value of biodiversity in each of the above categories and provide an explanation as to why some categories may be more, less, or equal in biodiversity to others.

**Human Impact:**

May include: farming, pollution, commercial use, rehabilitation, sporting, invasive species, etc and the implication of our uses. Are we affecting the environment positively, negatively, or both? Is our damage reversible or irreversible? What can YOU do to help raise awareness?

**Surprise Me:**

Provide an unexpected aspect of your project. This factor should utilize your talents, whether that be making an extra really neat video, data collection, website design, research lab, or something you bring in to me. ☺ This is ALL YOU!!!