Ecology Unit Overview

Driving Question: What does a successful ecosystem look like? How can we make earth’s ecosystems more successful?

Statement of Purpose: Students who master the academic content will be able to explain how many factors work together to create homeostasis within ecosystems. Students will be able to determine the factors that are most likely to cause a disruption in the ecosystem. Students will also use mathematical representations to analyze claims about ecosystems and how they maintain steady populations over time.

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| **Activity** | **Title** | **Tentative Dates** | **Type of Grade** | **Did I do my personal best on this activity? Why or Why not?** |
| 1 | Intro to Ecology | 4/25 |  |  |
| 2 | Food Webs activity | 4/25 | hom |  |
| 3 | Isle Royle: a study on deer and wolf populations | 4/27 | Content |  |
| 4 | Build an Ecosystem Game | 4/30-5/3 | Content |  |
| 5 | Carrying Capacity | 5/4 | HOM |  |
| 6 | Biodiversity Lab | 5/7-5/8 | Content |  |
| 7 | Humans and bio diversity | 5/11 |  |  |
| 8 | Sea Otters Readings | 5/14-5/15 | Content |  |
| 9 | Ecology Unit Assessment | 5/21-5/22 | Content |  |
|  | SBAC TESTING MAY 9-10 AND MAY 16-17 |  |  |  |

**You are responsible for handing in all assignments regardless of your attendance in class that day. Please see my weebly and email me regarding the work that you may have missed.**

Unit reflection

Did you hand in all CONTENT assignments?

Did you hand in all HOM assignments?

How many times did you come to office hours throughout the unit?

How did you prioritize your time throughout this unit?

What prevented you from putting in the necessary time required to do your best?

What are you going to change going into our next unit?