Natural Selection Unit

Oct. 15, 2019 Day 3/31

At the end of todays lesson you will be able to answer;

- How do individuals in a population get their traits?

Classwork-

- Finish Natural Selection 2.1 and begin Natural Selection 2.2.
- Students consider a population of spiders and observe their traits from one generation to the next. Using the Traits and Reproduction Sim to model reproduction, the teacher provides a cellular level view of how genes are instructions for making protein molecules and protein molecules determine traits. Once students know that individuals get their traits from the genes they inherit from their parents, they are ready to investigate how reproduction leads to a trait becoming more or less common in a population over time.
- In this lesson, students use the Natural Selection Simulation to see that individuals with adaptive traits survive longer and reproduce more, passing their adaptive traits on to more individuals in the next generation. Then, they will model their ideas in a response to a new Sherman's Story about reproduction. The purpose of this lesson is for students to gather further information about how individuals get their traits and to understand how certain traits can lead to more or less reproduction.

Homework-

- Finish up all of the activities in the Natural Selection section 2.2
- Review the vocabulary terms we will use in this unit. Natural Selection Quizlet.
- Natural Selection Vocabulary Quiz Friday.