

Natural Selection

Next Generation Science Standards

Oct. 19, 2018

Day 2/34



At the end of today's lesson you will;

- Why do populations change over time?

Classwork-

- 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.

Homework-

- Complete the Homework portion of today's lesson (Section 2.2.4).
- Review the Natural Selection unit vocabulary terms on QUIZLET. Vocabulary Quiz TUESDAY.