

Natural Selection Unit

Oct. 8, 2019

Day 3/27



At the end of today's lesson you will be able to answer;

- What caused this newt population to become more poisonous?

Classwork-

- Natural Selection 1.4
- In the Warm-Up, students observe that the distribution of fur-level traits in a population of ostrilopes changed over time.
- This leads them to investigate a population in the Natural Selection Simulation with high variation in fur-level traits.
- They observe that individuals with low fur levels died in the cold environment. They learn that low fur levels are non-adaptive traits and high fur levels are adaptive traits in a cold environment.
- Students are then introduced to the printed Natural Selection Modeling Tool and use it to make a prediction about a population of ostrilopes without high fur levels in a cold environment.
- They test their predictions in the SIM and see that the population dies out. The purpose of this lesson is for students to understand how the distribution of adaptive and non-adaptive traits changes in a population, depending on the traits that already exist in the population as well as the environment.

Homework-

- Finish up all of the activities in the Natural Selection section 1.4
- Review the vocabulary terms we will use in this unit. Natural Selection Quizlet.