

Natural Selection

Next Generation Science Standards

Nov. 7, 2018

Day 2/46

At the end of today's lesson you will;

- Why do populations change over time?

Classwork-

- Natural Selection 4.3.
- Students apply their understanding of how natural selection changes the trait distributions in populations. They develop their skills with written argumentation as they explain why the sticklebacks became more armored and faster. To prepare for this task, students begin by considering what makes an argument convincing. They then use the Reasoning Tool to help them articulate how their evidence supports their claims. Once they have organized their thinking, students complete the Science Seminar sequence by writing a scientific argument that explains the change in trait distribution among the sticklebacks. Students' final written arguments also serve as three-dimensional performance assessments, with rubrics provided to indicate students' progress with unit-specific science concepts, crosscutting concepts, and the science practices of Constructing Explanations; Engaging in Argument from Evidence; and Obtaining, Evaluating, and Communicating Information..

Homework-

- Complete the Homework and Self Assessment portions of today's lesson (Section 4.3.4, 4.3.5). End of Unit Assessment Thursday!

