

EVOLUTIONARY HISTORY

NEXT GENERATION SCIENCE STANDARDS

Jan. 3, 2019

Day 4/76

At the end of today's lesson you will;

- Why do species, both living and extinct, share similarities and also have differences?

Classwork-

- Evolutionary History 3.1
- At the start of this new chapter, students begin to consider how populations can get repeatedly separated into different environments, which leads to multiple new branches on the evolutionary tree.
- Each branch represents a new species that can have some similarities to and some differences from the common ancestor population.
- Students use K'NEX building pieces to create physical models of different possible species on a model evolutionary tree branch, representing how both similarities and differences in structures arise over time.
- Students then create a model showing inferences they have made about uniquely shared structures, based on knowledge of structures of a given common ancestor.

Homework-

- Complete the Evolutionary History 3.1.4 Homework.

