

# SCIENCE

Jan. 17, 2018

Day 3/83



***At the end of today's lesson you will;***

Use unique structures to decide how closely related two species are when considering them in relation to a third species, and they can use this information to create a representative evolutionary tree diagram..

## ***Classwork-***

- **Evolutionary History 3.3**
- Today, students examine a variety of structures—from whales, wolves, and the Mystery Fossil—in order to determine whether the Mystery Fossil is more closely related to whales or wolves.
- A message from the museum director informs students that today they will finally determine where the Mystery Fossil should be placed.
- Students examine information about body structures for whales and wolves, determining that there are many structures shared by both species, but that a few diagnostic shared structures can be used to distinguish them from other species.

## ***Homework-***

- Complete and submit the Section 3.3 Homework.