

7.5.3 e1B Argumentation Card Sort Narrative

Time: 75-90 minutes	Anchor Phenomena: The structure of the American alligator hasn't changed much, which we've learned about through body structure evidence (see article from e1)
Big Idea: Modern and ancient body structures give evidence of evolutionary relationships.	
CCCs <u>Patterns</u>	Practices Constructing Explanations, Designing Solutions
This Lesson and Resource Materials are Courtesy of the Regents of the University of California	

EPISODE SNAPSHOT: Students will be able to describe the patterns of body structures similarities and differences between ancient and modern organisms to infer possible evolutionary relationships.

Teacher introduces the phenomenon using the article about the American alligator and discuss the idea that the fossil record and modern and ancient structures show evolutionary relationships.

The packet contains all the information needed to complete the assignment.

GATHERING

Students will look at structures and evidence to determine which organism a tooth fossil came from.

REASONING

They must use evidence and reasoning to support their claims about the structures.

COMMUNICATE

Students will participate in discussion throughout the lesson to show their understanding.

Assessment: Students will show understanding by coming up with claims about the fossil structures, using the evidence and reasoning to support their claims.	Materials, resources, handouts, etc: Computer and Overhead Projector American Alligator article: http://news.ufl.edu/articles/2016/09/a-reptilian-anachronism-american-alligator-older-than-we-thought.php 7.5.3 e1B ArgumentationCardSort
--	---