

Biology Lesson Plans Unit 2 19-20 K

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MAIN TOPIC: EVOLUTION

UNIT OBJECTIVES: TEKS

(7) The student knows evolutionary theory is a scientific explanation for the unity and diversity of life. The student is expected to
7.C analyze and evaluate how natural selection produces change in populations, not individuals
7.D analyze and evaluate how the elements of natural selection, including inherited variation, the potential of a population to produce more offspring than can survive, and a finite supply of environmental resources, result in differential reproductive success
7.E analyze and evaluate the relationship of natural selection to adaptation and to the development of diversity in and among species
(7) The student knows evolutionary theory is a scientific explanation for the unity and diversity of life. The student is expected to
7.A analyze and evaluate how evidence of common ancestry among groups is provided by the fossil record, biogeography, and homologies, including anatomical, molecular, and developmental
7.B examine scientific explanations of abrupt appearance and stasis in the fossil record
(8) The student knows that taxonomy is a branching classification based on the shared characteristics of organisms and can change as new discoveries are made. The student is expected to
8.A define taxonomy and recognize the importance of a standardized taxonomic system to the scientific community
8.B categorize organisms using a hierarchical classification system based on similarities and differences shared among groups

Unit Calendar:

Monday	Tuesday	Wednesday	Thursday	Friday
Sept 16 -Notes: Evidence of evolution -Begin Evidence of evolution stations	17 - Evidence of evolution stations	18 -Review station answers -Evidence of evolution WS	19 Notes: Natural selection	20 Quiz #1: Evidence of evolution -Build-a-beast
23 -Notes: History of Life/ Fossil Record -Geologic timescale Paper Activity and/or card sort	24 Notes: taxonomy -Taxonomy WS (As Homework)	25 -Endosymbiotic Theory Article and worksheet (<u>ST Skill</u>)	26 -Cladogram WS	27 Quiz #2: natural selection Dichotomous key practice and create one.
30 - review	Oct 1 Test: Unit 2 Evolution	2	3	19

