

Taxonomy--H/G Biology 2/11/22 Lesson Plans

Teacher : Mrs. Audrey Hardman	
Course/ Subject: Honors/Gifted Biology	
Date of Instruction: 2/11/2022	
<p>Opening (I Do) An engaging process for lesson introduction that is specifically planned to encourage equitable and purposeful student participation. Describe the instructional process that will be used to introduce the lesson. TKES 1, 2, 3,4,5, 8,10</p>	<p>SB4. Obtain, evaluate, and communicate information to illustrate the organization of interacting systems within single-celled and multi-celled organisms.</p> <p>a. Construct an argument supported by scientific information to explain patterns in structures and function among clades of organisms, including the origin of eukaryotes by endosymbiosis.</p>
	<p>Learning Target:</p> <p>I will examine the evolutionary basis of modern classification systems.</p>
	<p>Success Criteria:</p> <ul style="list-style-type: none"> • I can explain Linnaeus' contributions to taxonomy. • I can list the 7 levels of classification/taxon in order from largest to smallest. • I can use a dichotomous key to identify an organism. • I can produce a correctly written scientific name. • I can construct a cladogram using derived characters. • I can analyze a cladogram to determine a recent common ancestor. • I can classify which kingdom a cell belongs to based on its: cell wall composition, mode of reproduction, nutrition, & whether it is prokaryotic or eukaryotic. • I can name the 3 domains.
	<p>Introduction/Connection:</p>
	<p>DIRECT INSTRUCTION:</p> <p>Blue Planet directions Or Usatestprep.com Evolution assignment MiniTest Directions</p>
<p>Work Period (We Do, You Do) Students learning by doing/demonstrating learning expectations. Describe the instructional process that will be used to engage the students in the work period. TKES 1, 2, 3, 4, 5, 7, 8,10</p>	<p>GUIDED PRACTICE:</p> <p>Interpreting Cladograms</p> <p>View Blue Planet -Write down the common name of organisms while watching the program</p>

	<p>INDEPENDENT/COLLABORATIVE PRACTICE/DIFFERENTIATION:</p> <p>Blue Planet Activity: Using the common name of the Organisms in the video, fill in the classification chart using the internet to help you. &/or Evolution usatestprep.com assignment</p> <p>Complete Create Life Project-Due Monday, 9/20/21</p>
<p>Closing (We Check) Describe the instructional process that will be used to close the lesson and check for student understanding . TKES : 1,2,3, 4,5,6,7,8</p>	<p>SUMMARIZE/CHECK FOR UNDERSTANDING:</p> <p>Question & Answer over Cladograms MiniTest Turn in Blue Planet Activity</p>