**Biology STAAR Review Stations**

**Day 8**

**Category # 3 Biological Evolution and Classification (8.A, 8.B, 8.C)**

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.

8.C compare characteristics of taxonomic groups, including archaea, bacteria, protists, fungi, plants, and animals.

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|  | **8.A** | **8.B** | **8.C** |
| **Interactive Quizzes** | **Taxonomy Quiz**<http://ab.mec.edu/abrhs/science/bioweb/unit8/quiz_unit_8.html> | **Organizing Life’s Diversity**[**http://glencoe.mcgraw-hill.com/sites/0078802849/student\_view0/unit4/chapter17/standardized\_test\_practice-english.html**](http://glencoe.mcgraw-hill.com/sites/0078802849/student_view0/unit4/chapter17/standardized_test_practice-english.html) | **Kingdom Characteristics Interactive Table**<http://glencoe.mcgraw-hill.com/olcweb/cgi/pluginpop.cgi?it=swf::550::400::/sites/dl/free/0078802849/383912/table17_3.swf::Kingdom%20Characteristics> |
| **Graphic Organizers** | **Linnean Classification Graphic Organizer**See handout | **Three Domains Graphic Organizer**See handout |
| **Virtual Labs** | **How are living things classified?**<http://www.glencoe.com/sites/common_assets/science/virtual_labs/E07/E07.swf> | **Evolutionary Trees Simulation**<http://glencoe.mcgraw-hill.com/olcweb/cgi/pluginpop.cgi?it=swf::550::400::/sites/dl/free/0078802849/383941/Evolutionary_Trees.swf::Evolutionary%20Trees>Watch the simulation and take a few notes. | **Dichotomous Key Activity**[http://web.archive.org/web/20080721211717/http://www.students.ed.qut.edu.au/n2364379/MDB377/DichotomousKey.html](http://web.archive.org/web/20080721211717/http%3A//www.students.ed.qut.edu.au/n2364379/MDB377/DichotomousKey.html)Choose at least two animals from the group to classify using the dichotomous key.Show results to the teacher. |
| **Vocabulary** | **Taxonomy**[**http://quizlet.com/20531643/biology-taxonomy-flash-cards/**](http://quizlet.com/20531643/biology-taxonomy-flash-cards/) | **Classification**<http://quizlet.com/1934970/classification-flash-cards/> | **Taxonomic Groups**[**http://quizlet.com/35058554/taxonomic-groups-flash-cards/**](http://quizlet.com/35058554/taxonomic-groups-flash-cards/) |
| **Video Clips** | **Taxonomy and the Tree of Life**[**https://www.khanacademy.org/science/biology/tree-of-life/v/taxonomy-and-the-tree-of-life**](https://www.khanacademy.org/science/biology/tree-of-life/v/taxonomy-and-the-tree-of-life) | **Classification Overview Video**<http://www.youtube.com/watch?v=bZ8AUcbZOLY&edufilter=_2nXFUMaB1_cnY78uKT5qQ>Take notes over the video while you watch.**The Tree of Life Animation**<http://glencoe.mcgraw-hill.com/olcweb/cgi/pluginpop.cgi?it=swf::550::400::/sites/dl/free/0078802849/383941/Visualizing_Tree_Life.swf::Visualizing%20the%20Tree%20of%20Life>Watch the animation and take a few notes. Pause periodically to allow more time. | **Six Kingdoms Brain Pop Video and Quiz**Watch the video and take the quiz. Show the quiz results to your teacher. |

**8.B Linnean Classification Graphic Organizer**



**8.C Three Domains Graphic Organizer**

