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| **Standards** | **Pre-test Score** | **Score Percentage** | **Needs development**  **(69 and below)** | **Progressing**  **(70-89)** | **Mastered**  **(90 and above)** | **Post-Test Score** | **Teacher’s Initials(once mastered ONLY)** |
| **S7L1A-B.** |  |  |  |  |  |  |  |
| **S7L1a. Demonstrate the process for the development of a dichotomous key.** |  |  |  |  |  |  |  |
| **S7L1b. Classify organisms based on physical characteristics using a dichotomous key of the**  **six kingdom system (archaebacteria, eubacteria, protists, fungi, plants, and animals).** |  |  |  |  |  |  |  |
| **S7L2A-E.** |  |  |  |  |  |  |  |
| **S7L2 a.**  **Explain that cells take in nut**  **rients in order to grow and**  **divide and to make needed**  **materials.** |  |  |  |  |  |  |  |
| **S7L2b.**  **Relate cell structures (cell membrane, nucleus, cytoplasm, chloroplasts,**  **mitochondria) to basic cell functions.** |  |  |  |  |  |  |  |
| **S7L2 c.**  **Explain that cells are organized into tissues,**  **tissues into organs, organs into systems,**  **and systems into organisms.** |  |  |  |  |  |  |  |
| **S7L2d.**  **Explain that tissues, organs, and organ systems serve the needs cells have for oxygen, food, and waste removal.** |  |  |  |  |  |  |  |
| **S7L2e.**  **Explain the purpose of the major organ systems in the human body**  **(i.e., digestion,**  **respiration, reproduction, circulation,**  **excretion, movement, control, and**  **coordination, and for protection from disease).** |  |  |  |  |  |  |  |
| **S7L3A-C.** |  |  |  |  |  |  |  |
| **S7L3a.**  **Explain the role of genes and chromosome**  **s in the process of inheriting a specific**  **trait.** |  |  |  |  |  |  |  |
| **S7L3b.**  **Compare and contrast that organisms re**  **produce asexually and sexually (bacteria,**  **protists, fungi, plants & animals).** |  |  |  |  |  |  |  |
| **S7L3c.**  **Recognize that selective breeding can produce**  **plants or animals with desired traits.** |  |  |  |  |  |  |  |
| **S7L4A-E.** |  |  |  |  |  |  |  |
| **S7L4a.**  **Demonstrate in a food web that matter is**  **transferred from one organism to another**  **and can recycle between organi**  **sms and their environments**. |  |  |  |  |  |  |  |
| **S7L4b.**  **Explain in a food web that sunlight is the source of energy and that this energy moves from organism to organism.**  **S7L4c. Recognize that changes in the environment conditions can affect the survival of both individuals and entire species.** |  |  |  |  |  |  |  |
| **S7L4d. Categorize relationships between organisms that are competitive or mutually beneficial.** |  |  |  |  |  |  |  |
| **S7L4e. Describe the characteristics of Earth’s terrestrial biomes** |  |  |  |  |  |  |  |
| **S7L5A-C.** |  |  |  |  |  |  |  |
| **S7L5a. Explain that physical characteristics of organisms have changed over successive generations.** |  |  |  |  |  |  |  |
| **S7L5b. Describe ways in which species on earth have evolved due to natural selection** |  |  |  |  |  |  |  |
| **S7L5c. Explain how the fossil record found in sedimentary rock provides evidence for the long history of changing life forms** |  |  |  |  |  |  |  |