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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** |  |  |  |  |  |  |  |