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| M. Angileri | **6th grade science** | **Lesson Plans 11-5-18 Body Systems #2**  |
| NGSS Standards | **MS-LS1**DCI :  **MS-LS1.A.3**S & E practicesCCC | Use argument supported by evidence for how the body is a system of interacting subsystems composed of a group of cells.**Structure and Function:** In multicellular organisms, the body is a system of multiple interacting subsystems. These subsystems are groups of cells that work together to form tissues and organs that are specialized for a particular body functions.**Asking Questions and Defining Problems:** Asking questions to determine relationships between independent and dependent variables in relationships in models. **System and System Models:** Systems may interact with other systems; they may have subsystems and be part of larger complex systems |
| Essential Question | **What body systems are required to run a mile?** |
| Vocabulary: | **Cell:** The basic structural and functional unit of living organisms.**Functions:** What something does**.****Multicellular:** An organism made up of more than one cell and often is made up of different types of cells.**Organ:** A collection of similar tissues joined together into a structure that performs specialized functions.**Organism:** A self-contained living thing.**Specialized:** A self-contained living thing.**Subsystem:** A self-contained system within a larger system.**System:** A group of interacting or interdependent elements forming a complex whole, as in all the factors or variables in an environment or all the variables that might affect a science experiment.**Tissue:** A mass of similar cells that perform a specialized function |
|  | **MONDAY****Substitute** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| Content Objective: | SW demonstrate comprehension of how systems may interact with other systems; they may have subsystems and be part of larger complex systems by summarizing key concepts with 75% accuracy |  | SW demonstrate application of how the body is a system of interacting subsystems composed of a group of cells by constructing google slides highlighting the key parts of each system with 80% accuracy.  | SW demonstrate application of how the body is a system of interacting subsystems composed of a group of cells by constructing google slides highlighting the key parts of each system with 80% accuracy.  | SW demonstrate analysis of how in multicellular organisms, the body is a system of multiple interacting subsystems by distinguishing the effects of exercise on multiple body systems with 70% accuracy. |
| Language objective | SW orally discuss how systems may interact with other systems; they may have subsystems and be part of larger complex systems using complete sentences with 75% accuracy. |  | SW write to describe how the body is a system of interacting subsystems composed of a group of cells using content specific vocabulary with 80 % accuracy. | SW write to describe how the body is a system of interacting subsystems composed of a group of cells using content specific vocabulary with 80 % accuracy. | SW orally discuss how in multicellular organisms, the body is a system of multiple interacting subsystems by distinguishing the effects of exercise on multiple body systems with 70% accuracy. |
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