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| M. Angileri | **6th grade science** | **Lesson Plans 10-29-18 Body Systems #1**  |
| 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 | **How are cells like organisms?****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** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| Content Objective: | SW demonstrate evaluation of cell and ways parts of cells contribute to the function by justifying how a cell’s organelles are similar to organs in a body using the CER | SW demonstrate Knowledge of groups of cells that work together to form tissues and organs by identifying parts that combine to form the systems of the human body. |  | SW demonstrate Knowledge of groups of cells that work together to form tissues and organs by identifying parts that combine to form the systems of the human body. |  |
| Language objective | SW write to elaborate about cell and ways parts of cells contribute to the function using the details discussed in class with 80 % accuracy. | SW orally describe how groups of cells that work together to form tissues and organs using sentence frames with 70% accuracy. |  | SW orally describe how groups of cells that work together to form tissues and organs using sentence frames with 80% accuracy. |  |
| In class today | Test CorrectionsType 3 WritingHomework Body System Vocabulary  | APK: Which comes first and Graphic organizer.Hook: Levels of organizationBegin reading scope | PBIS reward | E.C. Vocabulary duePre-Reading activity: Card sortExplore 1: Subsystem MatchupHandout | Active Shooter presentation |