|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| M. Angileri | **6th grade science** | | **Lesson Plans 10-29-18 Body Systems #1** | | | | |
| NGSS Standards | **MS-LS1**  DCI :  **MS-LS1.A.3**  S & E practices  CCC | | 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 Corrections  Type 3 Writing  Homework Body System Vocabulary | | APK: Which comes first and Graphic organizer.  Hook: Levels of organization  Begin reading scope | PBIS reward | E.C. Vocabulary due  Pre-Reading activity: Card sort  Explore 1: Subsystem Matchup  Handout | Active Shooter presentation |