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| M. Angileri | **6th grade science** | | **Lesson Plans 12-2-19 Sensory Receptors #2** | | | | |
| NGSS Standards | **MS-LS1-**8  DCI :  **MS-LS1.D.1**  S & E practices  CCC | | **G**ather and synthesize information that sensory receptors respond to stimuli by sending messages to the brain for immediate behavior or storage memories.  **Information processing:** Each sense receptor responds to different inputs (electromagnetic, mechanical, chemical) transmitting them as signals that travel along nerve cells to the brain. The signals are then processed in the brain, resulting in immediate behaviors or memories.  **Obtaining, Evaluating, and communicating information:** Gather, read, and synthesize information from multiple appropriate sources and assess the credibility, accuracy, and possible bias of each publication and methods used, and describe how they are supported or not supported by evidence.  **Cause and Effect:** Cause and effect relationships may be used to predict phenomena in a natural or designed system. | | | | |
| Essential Question | | **How can different scents trigger memories?**  **How can you test your five senses?** | | | | | |
| Vocabulary: | | **Behavior:** What a plant or animal does.  **Brain:** organ that serves as the primary control center of the nervous system in all vertebrate and most invertebrate animals  **Electromagnetic Input:** Signals that enter the body in the form of electromagnetic stimuli  **Nerve Cell:** A cell specialized for transmitting fast electrochemical signals  **Chemical Input:** A chemical that enters the body.  **Mechanical Input:** Signals that enter the body through physical touch or vibration.  **Sensory Receptor:** A nerve ending that sends signals to the central nervous system when it is stimulated.  **Stimulus:** An action or condition that provokes a response. | | | | | |
|  | | **MONDAY** | | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| Content Objective: | | SW demonstrate comprehension of sensory receptors ability to gather, read, and synthesize information from multiple appropriate sources by interpreting results from the explore activity with 70% accuracy. | | SW demonstrate comprehension of sensory receptors ability to gather, read, and synthesize information from multiple appropriate sources by interpreting results from the explore activity with 70% accuracy. | SW demonstrate comprehension of sensory receptors ability to gather, read, and synthesize information from multiple appropriate sources by interpreting results from the explore activity with 70% accuracy. | SW demonstrate evaluation of Body Systems and Sensory Receptor**s** by testing on the Common assessment with 7 0% accuracy | SW demonstrate application of kinetic energy is proportional to the mass of the moving object and grows with the square of its speed by carrying out the speed and motion activity with 75% accuracy. |
| Language objective | | SW speak/Write to give feedback about sensory receptors ability to gather, read, and synthesize information from multiple appropriate sources using the sentence frames provided in the explore activity with 70% accuracy. | | SW speak/Write to give feedback about sensory receptors ability to gather, read, and synthesize information from multiple appropriate sources using the sentence frames provided in the explore activity with 70% accuracy. | SW speak/Write to give feedback about sensory receptors ability to gather, read, and synthesize information from multiple appropriate sources using the sentence frames provided in the explore activity with 70% accuracy. | SW read/write to synthesize information about Body Systems and Sensory Receptors using the common assessment with 70 % accuracy. | SW write to explain how of kinetic energy is proportional to the mass of the moving object and grows with the square of its speed using sentence starters with 75% accuracy. |
| In class today | | Explore 2 Scents and Memory  Assign Study Guide | | CER Scents and Memory  Explore Activity 1: Traditional Senses | Complete Explore Activity 1: Traditional Senses  Correct Study Guide | Test: Body Systems and Sensory Receptors  Vocabulary Kinetic and Potential Energy | Kinetic Energy: Activity 1 Speed and Motion |