***“The Other Senses” Activity***

AP Psychology – Unit 3 – Sensation & Perception

Objective - Research, Learn, Generate, Collaborate, and Share! Use Google Slides to create a group presentation about the six topics below. Your group will have five members, each assigned a topic to research and add to your group’s Google Slides project.

|  |  |
| --- | --- |
| ***Topic*** | **Group Member:** |
| ***\*Gustation (Taste)*** |  |
| ***\*Olfaction (Smell)*** |  |
| **^Touch** |  |
| **…Pain** |  |
| **^Vestibular Sense & ^Kinesthetic Sense** |  |

**Directions**

***Read Carefully – Read Carefully – Read Carefully – Read Carefully – Read Carefully – Read Carefully***

1. Get a laptop and login to your school google account

Username: student

Password: keefetech

1. Have one group member generate your group’s Google Slide Presentation, adding 6 slides.
   1. Google Drive → New → Google Slides → Add 6 Blank Slides
      1. Slide 1 = Gustation (taste)
      2. Slide 2 = Olfaction (smell)
      3. Slide 3 = Touch
      4. Slide 4 = Pain (extension of touch)
      5. Slide 5 = Vestibular Sense

1 member responsible for both

* + 1. Slide 6 = Kinesthetic Sense

1. Share the google slide presentation with all members of the group so they will be able to edit their slides.
2. Research and compile information by completing the graphic organizer (Yes, you need to do this part.)
3. Create! INCLUDE a title for each slide, all required information, and one (1) relevant picture.
4. Teach 🡪 Explain your topic to the rest of the group, using your google slide, they will complete the missing info on the graphic organizer.
5. Done? Turn in your graphic organizer + share presentation with Mr. Cummings 🡪 [tcummings@jpkeefehs.org](mailto:tcummings@jpkeefehs.org)

***\*Gustation (Taste) / \*Olfaction (Smell)* / ^Touch / ^Vestibular Sense / ^Kinesthetic Sense**

\**labeled as chemical senses because their receptor cells respond to chemicals, rather than physical energy*

*^ Body Senses*

|  |  |
| --- | --- |
| **Olfactory Sense (Smell)**  Pg. 58  Receptors (name/s, location, numbers):  How many distinct scents can we recognize?  Where is the Olfactory Cortex Located?  Explain ***Redintegration****:*  *What is* ***Anosmia****:*  *What are* ***Pheromones****?* | **Gustation (Taste)**  Pg. 58-59  Receptors (name/s, location, numbers):  What are the five basic receptors for taste?  As we age, why do our taste preferences evolve?  Our sense of taste interacts greatly with what other sense?  What are **Supertasters**?  What are **Nontasters**? |
| **^Sense of Touch**  Pg. 59-60  Receptors (name/s, location, numbers):  What three things are these touch receptor cells responsive to?  Where is the Sensory Cortex Located?  Explain how contralateralization applies to the Sensory Cortex:  Explain how “***The Homunculus****”* relates to our sense of touch and the Sensory Cortex: | **Pain (Sense of Touch, cont.)**  Pg. 60  Describe the two different pain systems and their function:   * A-Delta Fibers * C-Delta Fibers   Describe the **Gate-Control Theory of Pain**:  What is **Phantom Limb Pain**? |
| **Kinesthetic Sense**  Pg. 60  Receptors (name/s, location, numbers):  What is the main function of this sense?  Provide an example of when we use this system heavily: | **Vestibular Sense**  Pg. 60-61  Receptors (name/s, location, numbers):  What is the main function of this sense?  Unsurprisingly, what part of the brain is this sense heavily linked to?  Describe **Synesthesia**: |