Wearable Brain Structures

OBJECTIVE: Create a 3-D wearable brain structure that includes labels of different parts of the brain.

:

Left Side

1. **Construct** (using a different **color for each structure**), **label**, and **outline** using a black permanent marker the following structures on the **left side** of the wearable item. (When brain image is facing forward, this picture will be on your body's left side while wearing the item!)

   **Use the credible image resources (the 3D Brain)

   - Frontal lobe - **yellow**
   - Parietal lobe - **red**
   - Occipital lobe - **blue**
   - Temporal lobe - **green**

   - Sulci (pl. for sulcus) = shallow
   - Grooves – **label in black marker**
   - Gyri (pl. for gyrus)= raised areas – **label in black marker**

2. Sketch **symbols (use symbols I have indicated on list- put symbol next to name of structure)** in the area of the brain from above responsible for:

   Use textbook to help

   - Speech (Hint: Broca's area) - **lips**
   - Taste - **tongue**
   - Hearing - **ear**
   - Visual - **eye**

Right Side

3. On the **right side** of the wearable item, you will **draw (using** the assigned **color for each structure on this side), label, and outline** using a black permanent marker the following structures:

   - Cerebellum (**blue)**
   - Cerebrum (Cerebral Hemisphere) (**yellow**)
   - Corpus Callosum **(brown**)
   - Hypothalamus (**green**)
   - Medulla Oblongata (**purple**)
   - Pineal Body (**purple**)
   - Pituitary (**purple**)
   - Pons (**purple**)
   - Optic Chiasma (**purple**)

4. **Sketch symbols next to name of structure on the wearable item in appropriate location for each area** of the brain responsible for:

   - Appetite - **YUM**
   - Balance - **seesaw**
   - Wake/Sleep Cycle – **alarm clock**
   - Vital/Control centers – **computer or calculator type**
   - Sensations - **hand device**

5. Label and appropriately color these remaining structures:

- Brainstem
- Amygdala
- Cerebral cortex
- Primary sensory cortex
- Limbic system
- Hippocampus
- Primary motor cortex