Playdough Brain Extra Credit Project

Task: Create a playdough representation of the brain.

- Using playdough (or other material), create a physical representation of the brain and be sure to include all the structures listed below.
- Label each structure with its appropriate name.
- Label the function of each brain structure as well.

You need to complete all three elements listed above to earn the full 2 points of extra credit.

Brain Structures: The following is the list of all the structures you need to include. Don’t forget you need to label the function of each as well—it may be helpful to write the function next to each item on the list below.

- Brainstem (don’t label this—it’s just the name of the category of the following brain parts; however, you may find it helpful to color coordinate all of the following the same color to help you visualize the different sections)
  - Medulla
  - Pons
  - Reticular formation
  - Thalamus
  - Cerebellum

- Limbic System (don’t label this—it’s just the name of the category of the following brain parts; however, you may find it helpful to color coordinate all of the following the same color to help you visualize the different sections)
  - Amygdala
  - Hypothalamus
  - Hippocampus
  - Pituitary Gland

- Cerebral Cortex (don’t label this—it’s just the name of the category of the following brain parts; however, you may find it helpful to color coordinate all of the following the same color to help you visualize the different sections)
  - Frontal Lobe
    - Motor Cortex
    - Broca’s Area
  - Parietal Lobe
    - Somatosensory Cortex
  - Occipital Lobe
  - Temporal Lobe
    - Wernicke’s Area
  - Association Areas

- Other Structures
  - Corpus Callosum

Rubric:

_____ / 1 point: Physical creation of the playdough brain with all structures included

_____ / 1 point: All structures labeled appropriately and all structures’ functions included as well

Total: _____ / 2 extra credit points