AP Psychology

Shaver

**3-D Brain Maps**

As we continue to work our way through the brain, I would like you to complete a 3-D model of a brain. You must include parts of the brain listed below and their function. I will allow you to use this as a study tool on your test October 18, so make sure it is as complete as possible. Be creative with how you make this 3-D.

* On your 3-D map you should have each part listed below **labeled and some how identified in the correct location**.
* You will also need to fill out the chart to indicate the function of each of the parts of the brain.
* Be creative in how you decorate your head/brain and in the media you use. For instance, you can include images and/or words that symbolically represent the functions associated with that part of the brain (i.e., an alarm clock for the part of the brain that controls alertness and waking/sleeping cycles), you could use play-doh, you could buy a Styrofoam head and cut it in half, you could make a jello mold, there are endless options. You can also stick things into/onto the brain to illustrate your ideas.
* You may **NOT** paste on a Xerox copy of a brain on a piece of paper and call it good.
* This is due Friday, October 18 and will be turned in after your test.

\*\* Parts of the brain to include continues on the back of this page.

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|  | **Brain Area/Structure** | **Function/Importance** |
| 1 | Brainstem |  |
| 2 | Medulla |  |
| 3 | Pons |  |
| 4 | Reticular formation |  |
| 5 | Thalamus |  |
| 6 | Hypothalamus |  |
| 7 | Pituitary gland |  |
| 8 | Cerebellum |  |
| 9 | Amygdala |  |
| 10 | Hippocampus |  |
| 11 | Cerebral cortex |  |
| 12 | Frontal lobe |  |
| 13 | Parietal lobe |  |
| 14 | Temporal lobe |  |
| 15 | Occipital lobe |  |
| 16 | Primary motor cortex |  |
| 17 | Primary sensory cortex |  |
| 18 | Auditory cortex |  |
| 19 | Visual cortex |  |
| 20 | Association area |  |
| 21 | Broca’s area |  |
| 22 | Wernicke’s area |  |
| 23 | Corpus callosum |  |
| 24 | Left Hemisphere |  |
| 25 | Right Hemisphere |  |