II A Tour Through the Brain

* Localization of Function-Define
	+ Who originated it?
1. The Brain Stem
* Brain Stem- Define
	+ 2 main structures?
		- Name and Define

* + - Name and Define
	+ Reticular Activating System-Define
1. The Cerebellum
* Cerebellum- Define
	+ What would happen if damaged?
	+ Why is it not as “lesser” as thought?
1. The Thalamus
* Thalamus- Define
	+ Examples
	+ Which sense bypasses the thalamus?
		- Olfactory Bulb- Define
1. The Hypothalamus and the Pituitary Gland
* Hypothalamus- Define
* Pituitary Gland- Define
	+ Explain James Olds and Peter Milner Experiment and its findings?
* Limbic System- Define
	+ Example Jobs?
1. Amygdala
* Amygdala- Define
	+ Example
1. Hippocampus
* Hippocampus- Define
	+ Jobs?
	+ H.M.- Explain story and findings-
	+ Consolidation- Define
1. The Cerebrum
* Cerebrum- Define
* What has the cerebrum done for humans?
* Cerebral Hemispheres- Define
* Corpus Collosum- Define
* Lateralization- Define
1. The Cerebral Cortex- Define
	1. How thick?
	2. How many cells?
	3. Why wrinkles?
2. Lobes of the Cortex
	1. 4 lobes per hemisphere
		1. Occipital Lobes- Explain
		2. Parietal Lobes- Explain
		3. Temporal Lobes- Explain
		4. Frontal Lobes- Explain
	2. Association Cortex- Explain
	3. Prefrontal Cortex- Explain
		1. Size in rats, dogs, and humans?
		2. Explain Phinease Gage- Event, Changes, What it means?