

Study Chart to Aid Learning About Brain Structure

	Brain Structure	Location	Function
Cerebral Cortex (Cerebrum)	Frontal Lobe		
	Prefrontal Cortex Premotor Cortex Primary Motor Cortex		
	Broca's Area		
	Parietal Lobe		
	Somatosensory Strip		
	Temporal Lobe		
	Auditory Cortex		
	Wernicke's Area		
	Occipital Lobe		
	Visual Cortex Visual areas V1-V5		
	Corpus Callosum		
	Basal Ganglia	Interior of each hemisphere below the corpus callosum and near the limbic system	Learns, remembers and coordinates voluntary movement
Limbic System	Amygdala		
	Hippocampus		
	Cingulate Gyrus	On the interior sides of both hemispheres	Helps regulate emotion and pain Monitors and guides behavior Helps predict negative consequences
	Hypothalamus		
	Pituitary Gland		
	<u>Thalamus</u>		
	<u>Cerebellum</u>		
Brain Stem	Pons		
	(Reticular Activating System)		
	Medulla		
	<u>Spinal Cord</u>		