

A BIT ABOUT BRAINY

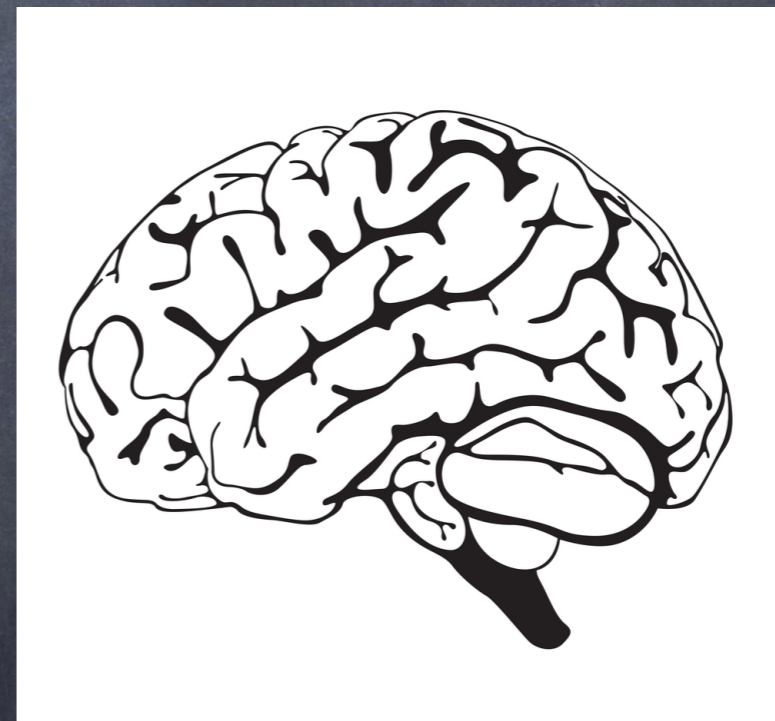
LEARNING GOALS:

- identify and label parts of the brain involved in learning.
- describe the basic processes by which the brain converts sensory data to knowledge.
- create a plan for maintaining a healthy brain.

Basic Brain Structure

Exterior Hemispheres

- Frontal Lobe
- Temporal Lobe
- Parietal Lobe
- Occipital Lobe



Interior Brain

The Limbic System

- hypothalamus
- hippocampus
- amygdala
- neurons, axons, dendrites and synapses

Let's Summarize!

1. The brain is divided into halves called _____, which are made up of four exterior lobes: _____, _____, _____, and _____.
2. The **Limbic System** is located in the interior brain and includes these structures: The _____ (balances internal systems)
_____ (learning, memory and recall)
_____ (related to emotions).
3. Information from the outside world moves through the brain via nerve cells called _____ which have thousands of branchlike structures called _____ and _____.
4. Memory is actually a stored _____ of synaptic connections; Studying forms new patterns and connections, and strengthens old ones, making new information easier to _____!
5. It can take several _____ to information before a memory is formed well-enough for recall.