

- brain stem is mostly stuff to keep you alive
- above brain stem is things such as thinking, logic, ect
- When you want to do a movement you must first think about it in cerebrum and then moves to cerebellum
- Muscle memory-muscles are stupid, have no memory but your neurons do which is where you get this memory, nerve network is developed for specific movement
- Learn all names of major regions and functions

Higher centers-generalized areas of brain with no real tight boundaries

- Nuclei
- Centers
- Cortical areas (superficial layer of gray matter around white matter in cerebrum and cerebellum)

Certain things happen in certain centers

Located in: know these

Cerebrum

Cerebellum-motor

Diencephalon

Mesencephalon

Ventricles (there is nothing there, a hole filled with fluid, no brain tissue in there) in brain=4

- Fluid filled spaces in brain
- One in each cerebral hemisphere
- A third within the diencephalon
- A fourth between pons and cerebellum
- Filled with CSF and lined by ependymal cells
- Fluid is filled with nutrients-important
- Regulation of processes
- Buoy your head

-Two lateral ventricles

-1 ventricle near longitudinal fissure

-1 ventricle near spinal cord

-CSF is continuous with the central canal in the spinal cord

-Ventricle size is used for pathology and delivering diagnosis, can tell who has Alzheimer's disease, who has schizophrenia, or any brain disease in existence

MS=Multiple sclerosis

Protection and support-picture on 13 will help, need to know it