

## Chapter 8- Vocabulary List Honors Anatomy

### Functions, Divisions, Cells of the NS and Electrical Signals

Dendrites	Unipolar neuron	Threshold
Cell body	Sensory neuron	Resting state
Axon	Motor neuron	Depolarization
Axon hillock	Interneuron	Repolarization
Myelin sheath	Chemical-gated ion channel	Hyperpolarization (Undershoot)
Node of Ranvier	Voltage-gated ion channel	All-or-None
Axon terminal	Sodium-Potassium pump	Synapse
Multipolar neuron	Resting potential	Synaptic cleft
Bipolar neuron	Action potential	Synaptic vesicles
		Neurotransmitter
		Graded potential

### The Central Nervous System

White matter	Brainstem	Corpus callosum
Gray matter	Pons	Longitudinal fissure
Dura mater	Medulla oblongata	Frontal lobe
Arachnoid mater	Midbrain	Parietal lobe
Pia mater	Cerebellum	Occipital lobe
Cerebrospinal fluid	Diencephalon	Temporal lobe
Ventricles	Hypothalamus	Primary motor cortex
	Thalamus	Primary somatosensory cortex
	Cerebrum	Auditory cortex
	Sulcus	Visual cortex
	Gyrus	Olfactory cortex
	Cerebral cortex	

### The Peripheral Nervous System

Nerves	Reflex
Cranial nerves	Effector
Plexus	Interneuron
Spinal nerves	Motor neuron
Sensory division	Sensory neuron
Motor division	Sensory receptor
Somatic nervous system	Sympathetic division
Autonomic nervous system	Parasympathetic division