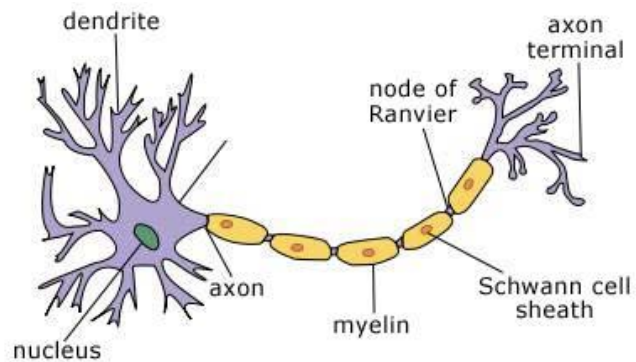
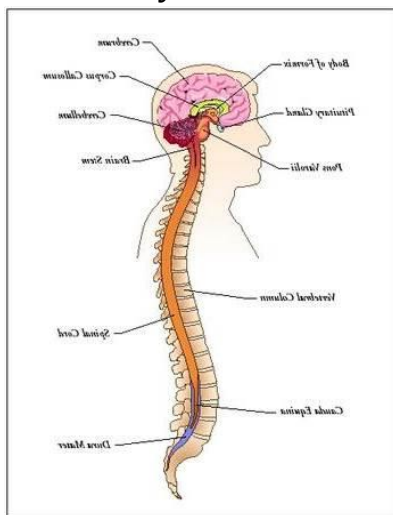


Introduction To The Nervous System

The nervous system is the part of an animal's body that coordinates the voluntary and involuntary actions of the animal and transmits signals between different parts of its body. In most types of animals it consists of two main parts, the central nervous system (CNS) and the peripheral nervous system (PNS). The CNS contains the brain and spinal cord. The PNS consists mainly of nerves, which are long fibers that connect the CNS to every other part of the body. The PNS includes motor neurons, mediating voluntary movement, the autonomic nervous system, comprising the sympathetic nervous system and the parasympathetic nervous system.



Answer the following questions or statements:

- Title your project INTRODUCTION TO THE NERVOUS SYSTEM
- *Include a picture of the brain and spinal cord*
- *Include a picture of the nervous system*
- Briefly describe the CNS and the PNS.
- What is the difference between the autonomic nervous system and the somatic nervous system?
- How are afferent and efferent nerves different?
- Briefly describe a nerve cell. Include the function of the dendrites, axon, Schwann cells and axon terminal.
- *Include a picture of a nerve cell (labeled)*
- Briefly describe what a synapse is and what is released into it.

Info: "Nervous System." *Wikipedia*. Wikimedia Foundation, 19 Nov. 2013. Web. 21 Nov. 2013

Nerve Cell Pic: "CyberSurgeons." *CyberSurgeons*. N.p., n.d. Web. 21 Nov. 2013.

Brain and Spinal Pic: "Health." *Design: Parts of the Nervous System*. N.p., n.d. Web. 21 Nov. 2013.