

Chapter 7	★ Nervous system
Section 1	★ Structure of the nervous system
Main Idea	★ Neurons conduct electrical impulses that allow cells, tissues, and organs to detect and respond to stimuli.
Objective	★ list the major parts of a neuron and the function of each part

Choose a word from help box and fill in the blanks:

	Received impulses from other neurons and conduct the impulses to the cell body
	Carries the nerve impulse from the cell body to other neurons and muscles
	The nucleus of the neuron and many of the cell organelles.
	Some axons are covered by a myelin sheath that increases the speed of an impulse.
	Connected the neuron to the dendrites of other neurons or to other cells

Axon ending

Dendrites

Axon

Cell Body

Myelin Sheath

