

Chapter 28: Nervous Systems***Guided Reading Activities*****Big Idea: Nervous system structure and function**

Answer the following questions as you read modules 28.1–28.2:

1. Your taste receptors for sweet, on your tongue, are directly connected to a(n) _____.
 - a. interneuron
 - b. motor neuron
 - c. sensory neuron
 - d. ganglia
2. Complete the following table, which describes the three related functions of a nervous system.

Description	Sensory input	Integration	Motor output
The transmission of signals from sensory receptors to the central nervous system (CNS)	The transmission of signals from sensory receptors to the central nervous system (CNS)	Analysis and interpretation of the sensory signals and formulation of an appropriate response	The transmission of signals from the CNS to effector cells
Type of neurons	Sensory neurons	Interneurons	Motor neurons

3. The two divisions of the nervous system are the central nervous system and the peripheral nervous system.
4. The flow of electrical signal along a neuron is in one direction. Briefly describe what this means.
The signals that a neuron sends and receives originate in specific regions of a neuron specialized to send or receive those signals.

Chapter 28 Guided Reading Answers

**Joyce Oldham Appleby, Alan
Brinkley, James M. McPherson**

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The Story Bible Study Guide Randy Frazee, 2016-08-09 The Story group Bible study provides groups of all sizes the opportunity to discuss and apply what they experience during the 31 week The Story church campaign To understand the Bible says Frazee you need bifocal lenses because two perspectives are involved The Lower Story our story is actually many stories of men and women interacting with God in the daily course of life The Upper Story is God s story the tale of his great overarching purpose that puts the individual stories together like panels in one unified mural In 31 sessions The Story video based group study opens your eyes to God s master plan unfolding in the lives of the Bible s characters and in your own life Discover the heart of God s Upper Story and the joy that comes as you align your story with God s The Story Study Guide and DVD sold separately are designed for use by groups of all sizes including small groups and Sunday school and adult education classes Designed for use with The Story Adult Curriculum Study DVD 9780310329527 sold separately

Human

Heritage Miriam Greenblatt, Peter S. Lemmo, 2001 A world history textbook chronicling the rise of Western and Eastern civilizations Includes photos art illustrated charts vocabulary exercises and review questions

American Literature

(Teacher Guide) Dr. James Stobaugh, 2012-12-12 The vital resource for grading all assignments from the American Literature course including options to help personalize the coursework for the individual student to develop Essay writing skills Higher ACT SAT scores Solid worldviews and Strong vocabulary

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