

GED SCIENCE LESSON 5
THE NERVOUS SYSTEM AND BEHAVIOR

Competency: Explore the human nervous system.

Learning Objectives:

1. Summarize the basic functions of the brain, spinal cord, and nerves.
2. Examine the basic unit of the nervous system, the neuron.

Learning Activities:

- ___1. Read pgs. 66-73 Steck-Vaughn GED Science text and answer all the questions.
- ___2. Log on at <http://www.myskillstutor.com> and complete the Humans I exercises under Science II –Biology.
- ___3. Utilize the BBC Science and Nature website to participate in an interactive brain map activity.
<http://www.bbc.co.uk/science/humanbody/body/interactives/organs/brainmap/index.shtml>
- ___4. Read the Essay Homeostasis on page 2.
- ___5. Choose a survey or psychology test to find out more about your brain and personality at the BBC Science and Nature website
http://www.bbc.co.uk/science/humanbody/mind/index_surveys.shtml
- ___6. Discuss how a unicellular organism that does not have a central nervous system might respond to a change in its environment.
- ___7. Describe the functions of the three types of neurons found in the human nervous system.
- ___8. Explain the difference between an innate behavior such as a reflex and a behavior that is learned.