

**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](http://www.bbc.co.uk/science/humanbody/body/interactives/organs/brainmap/index.shtml) 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](http://www.bbc.co.uk/science/humanbody/mind/index_surveys.shtml) website  
[http://www.bbc.co.uk/science/humanbody/mind/index\\_surveys.shtml](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.