LESSON PLAN

Grade(s)	Sixth Grade
Content Area(s)	Science
Topic of Lesson	Neuroscience – The Central Nervous System
Three Objectives	1. Students will be able to list the lobes of the brain and provide a one-sentence description of the function of each lobe with 90% accuracy. 2. Students will be able to identify and provide a one-sentence description of the function of important brain structures such as the hypothalamus, hippocampus, amygdala, cerebellum, and the medulla with 85% accuracy. 3. Students will be able to draw a neuron with axons and dendrites with 85% accuracy.
Technology standard	G6-8: 1.18 Use Web browsing to access information (e.g., enter a URL, access links, create bookmarks/favorites, print Web pages).
Curriculum Framework	4.4. Explain how the nervous system (brain, spinal cord, sensory neurons, motor neurons) mediates communication among different parts of the body and mediates the body's interactions with the environment. Identify the basic unit of the nervous system, the neuron, and explain generally how it works.
Materials needed	One computer with internet access connected to a projector; each student with pen and paper
Lesson Procedure, Web Site Use, and Technology Standard Instruction	1. Introduce the topic by relating to what they are currently studying and what they have studied about it so far. Start off by talking about the site and the topic. Then proceed to ask students about what they have learned so far about the topic. 2. Explain how to use web browsing to access the information on the website. Mention how to navigate the site using the side bar and the navigation links on the bottom of the page. 3. Browse through the website and have students read out loud the content pages. 4. At the end of each content page, the students will work individually on a worksheet, which contains exercises to test their understanding and knowledge. The last exercise will be the site's quiz that will be done with the whole class.

| How will students be assessed to make sure they are able to perform the objectives? | Objective 1: Students will be able to list the lobes of the brain and provide a one-sentence description of the function of each lobe with 90% accuracy. Assessment 1: I will ask students to answer questions on the worksheet section regarding brain regions and their functions and see how many students were able to answer accurately.

Objective 2: Students will be able to identify and provide a one-sentence description of the function of important brain structures such as the hypothalamus, hippocampus, amygdala, cerebellum, and the medulla with 85% accuracy. Assessment 2: I will ask students to answer questions on the worksheet section regarding brain structures and their functions and see how many students were able to answer accurately.

Objective 3: 1.Students will be able to draw a neuron with axons and dendrites with 85% accuracy. Assessment 3: I will ask students to answer questions on the worksheet regarding neurons and see how many students were able to answer accurately. |