

# Activity “Administrivia”:

Intended Grade Level:

6 – 8

## Key Concepts:

Neural pathways, nerve impulses, stimulus response

## Process Skills Utilized in Lesson:

Application; inference; demonstration, simulation

## Previous Learning Assumed:

Basic structure and function of a neuron

## Relevant TEKS

6.10 Science concepts. The student knows the relationship between structure and function in living systems. The student is expected to:

(A) differentiate between structure and function;

(B) determine that all organisms are composed of cells that carry on functions to sustain life; and

(C) identify how structure complements function at different levels of organization including organs, organ systems, organisms, and populations Science, Grade 7.

7.9 Science concepts. The student knows the relationship between structure and function in living systems. The student is expected to:

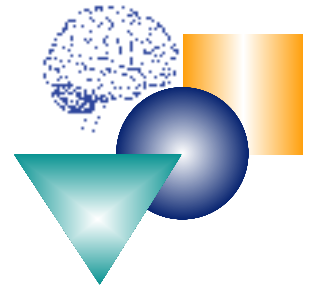
(A) identify the systems of the human organism and describe their functions

7.13 Organisms and environments. The student knows that a living organism must be able to maintain balance in stable internal conditions in response to external and internal stimuli. The student is expected to:

(A) investigate how organisms respond to external stimuli found in the environment such as phototropism and fight or flight; and

(B) describe and relate responses in organisms that may result from internal stimuli such as wilting in plants

**Key Words for Web Page:** brain cells, neuron, anatomy of a neuron, dendrite, axon, cell body, nervous system, stimulus response



# Activity Overview



LESSON 1  
ACTIVITY 1E

The Brain: It's All In Your Mind