

Neurons

Directions:

1. Use your dry erase markers to draw two Neurons on your desk to prove you know what it looks like and how Action Potential works. Stay within your designated area.

Labels should be legible and point directly to the individual parts. When complete, I will come take a picture of your final product to evaluate.

Functions should be explained on a separate sheet of paper.

2. As part of the building process, be sure to include the:

- a. Axon
- b. Dendrite
- c. Soma
- d. Terminal Branches
- e. Myelin Sheath
- f. Neurotransmitters
- g. Synapse
- h. Cell Body
- i. Action Potential
- j. Receptor Site
- k. Sending Neuron & Receiving Neuron

3. Be sure to include the functions of all parts of the neuron. In addition, explain the following processes in their respective places on the neuron when possible.

- a. Action Potential
- b. Depolarization
- c. Resting Potential
- d. Reuptake

4. You will be evaluated by the complete product, overall visual appeal, organization, and creativity / originality. Be sure to follow all directions on this paper.

5. This is due at the end of the class, so do not waste time.

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