

Building the Neuron Activity – Presentation Evaluation Form – Answer Key

Directions

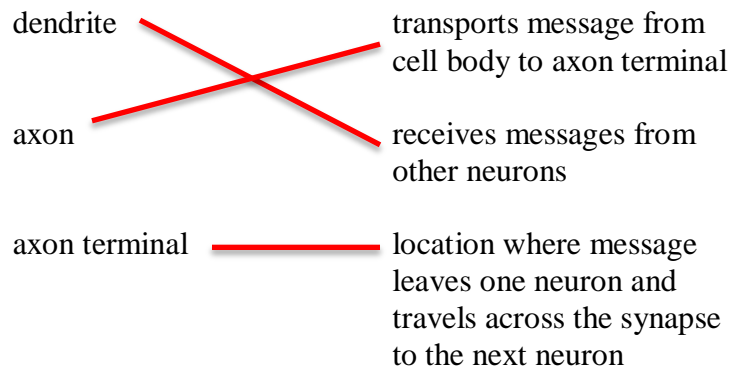
As you listen to the presentation, please complete this evaluation form to the best of your ability. Please *do NOT* ask the presenters to help you with any of the information below. By completing this evaluation form honestly, you will help them to evaluate the effectiveness of their models.

Names of Presenters: _____ and _____

Presenters' Teacher: _____ Class Period: _____

Part A: Matching

Match the terms below with their definitions by drawing a line to connect them. (3 points)



Part B: Multiple Choice (2 points)

- The function, or purpose, of the neuron is (please circle the correct answer):
 - to produce force and cause motion in the body.
 - to develop and strengthen cells.
 - to create signals that encourage the development of tissue.
 - to transport messages from the brain to the body and from the body to the brain.

Part C: Short Answer (5 points)

- Based on what you learned during the presentation, write two- or three-sentences explaining why it is important to understand the parts and purpose of the neuron.

Understanding the neuron is important because it helps us to know how messages are sent through our bodies. Engineers use their knowledge of the neuron to create devices that will collect messages sent through our body and use those messages to complete a task. For example, someone who is paralyzed could eat a banana because a brain device reads his or her thoughts and then a computer moves a robotic arm.