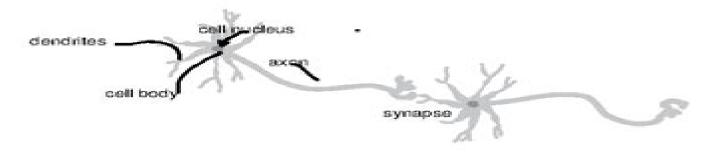
## Neuron Structure

What are the essential structures that make up a neuron?

## Why?

Cells are specialized for different functions in multicellular organisms. In animals, one unique kind of cell helps organisms survive by collecting information and sending messages throughout the body. The shapes and features of neurons, which are the primary cells in the nervous system, enable animals to experience all of the five senses; find food, mates, and shelter; and to survive in their diverse environments.

#### Model 1 - Parts of a Neuron



 Model 1 is an illustration of two neurons. Label one of the neurons in the diagram with the following structures:

Cell body or soma Axon
Cell nucleus Synapse

Dendrites

2. Which structure(s) on the neuron in Model 1 would receive a signal from either a sensory cell (taste bud, touch receptor, retinal cell) or from another neuron?

The structure that would signal from either a sensory cell to another neuron is the den



# **Neuron Structure Pogil Activities**

**April Chloe Terrazas** 

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