

# Neuron Model

## Concept

- The nervous system is made up of billions of individual nerve cells (neurons) as well as glial cells.

## Objective

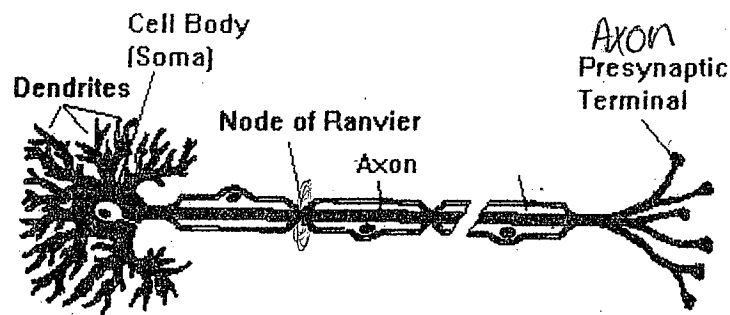
- Students will learn about the structure of a neuron by constructing a model.

## Estimated Time

- 25 minutes.

## Preparation and Materials

- Pictures or photographs of neurons should be made available.
- Various pipe cleaners, glue and other crafts materials



## Procedure

- Using your textbook and pictures available to you, construct a model of a neuron.
- Label the neuron with the following names:

Axon

Soma (cell body)

Myelin

Dendrite

Nucleus

Mitochondria

Axon terminal

Schwann Cell

Nodes of Ranvier

**NOTE:** Be prepared to present and explain the functions of the parts of the neuron!