



Materials:

- Wire
- 65 beads
- or get a full [Beady Neuron Kit](#)



Pipe Cleaner Neuron

For grades 3-12

Get out those pipe cleaners and make a neuron! This neuron pipe cleaners of 5 different colors: one color each for the dendrites, cell body, axon, myelin sheath and synaptic terminal. Any colors will do.



1. Take one pipe cleaner and roll it into a ball. This is will be the cell body.

2. Take another pipe cleaner and attach it to the new "cell body" by pushing it through the ball so there are two halves sticking out. Take the two halves and twist them together into a single extension. This will be the axon.



3. Take other pipe cleaners and push them through the "cell body" on the side opposite the axon. These are dendrites. These can be shorter than your axon and you can twist more pipe cleaners to make more dendrites.



4. Wrap small individual pipe cleaners along the length of the axon. These will represent the myelin sheath.

5. Wrap another pipe cleaner on the end of the axon. This will be the synaptic terminal.



String Neuron