

The Neuron

Name _____

Explore (carefully) each section of the website. Record your responses below.

1. Introduction

What is the main idea of this section (how would you explain this section to your little brother or sister?)

Write down 3 vocabulary words you don't know, and look up their definition. Include the APA in-text citation (Author/Title of website, date published)

1.

2.

3.

Why would someone need to know this information?

2. Fire!

How do “Inhibitory” inputs affect a neuron firing?

Make the neuron fire and observe. How was that firing different than the regular firing?

3. Transmission

What kind of signal travels down the length of the cell?

4. Inputs and Outputs

Why do neural cells need to communicate with each other?

What could happen if these cells can't communicate with each other?

Hypothesize two reasons why neural cells might lose the ability to communicate with each other.

5. Neural Circuit

Click different combinations on the neural circuit and draw a conclusion about how neurons in our bodies work together to pass along signals.

Think about (and write down a possible answer) where the electrical signal originates (starts) in your body. You are allowed to explore the internet for possible answers to this questions if you need ideas.