



S-C Brain Science–1: Getting to Know Your Neurons

Handout 1.4.1



Get Started:

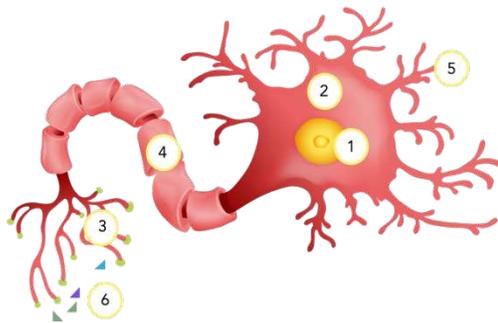
Like Ze, you'll have lots of opportunities to make lots of choices in your life.

- What are examples of significant choices you'll make in the next five years?
- How could a better understanding of your brain give you more control over your life and your choices?

Reflection/Application: Getting to Know Your Neurons

Match the numbers to label the neuron:

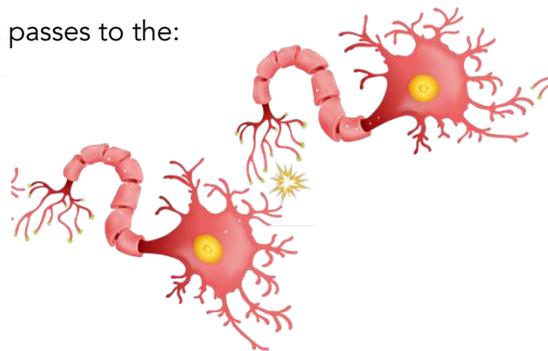
- Dendrites
- Cell body
- Axon terminals
- Nucleus
- Neurotransmitters
- Axon/myelin sheath
(not in the video but try to figure it out)



Match the letters to describe how an electrical impulse passes from one neuron to the next:

1. To pass messages between neurons, an electrical signal (⚡) leaves the:
2. The electrical signal (⚡) leaves the axon terminals, then crosses the:
3. The electrical signal (⚡) crosses the synapse with help from:
4. After the synapse, the electrical impulse (⚡) passes to the:

- Dendrites
- Cell body
- Axon terminals
- Nucleus
- Synapse
- Neurotransmitters



Wrap Up:

- In summary, what do neurons do? And why are they important?