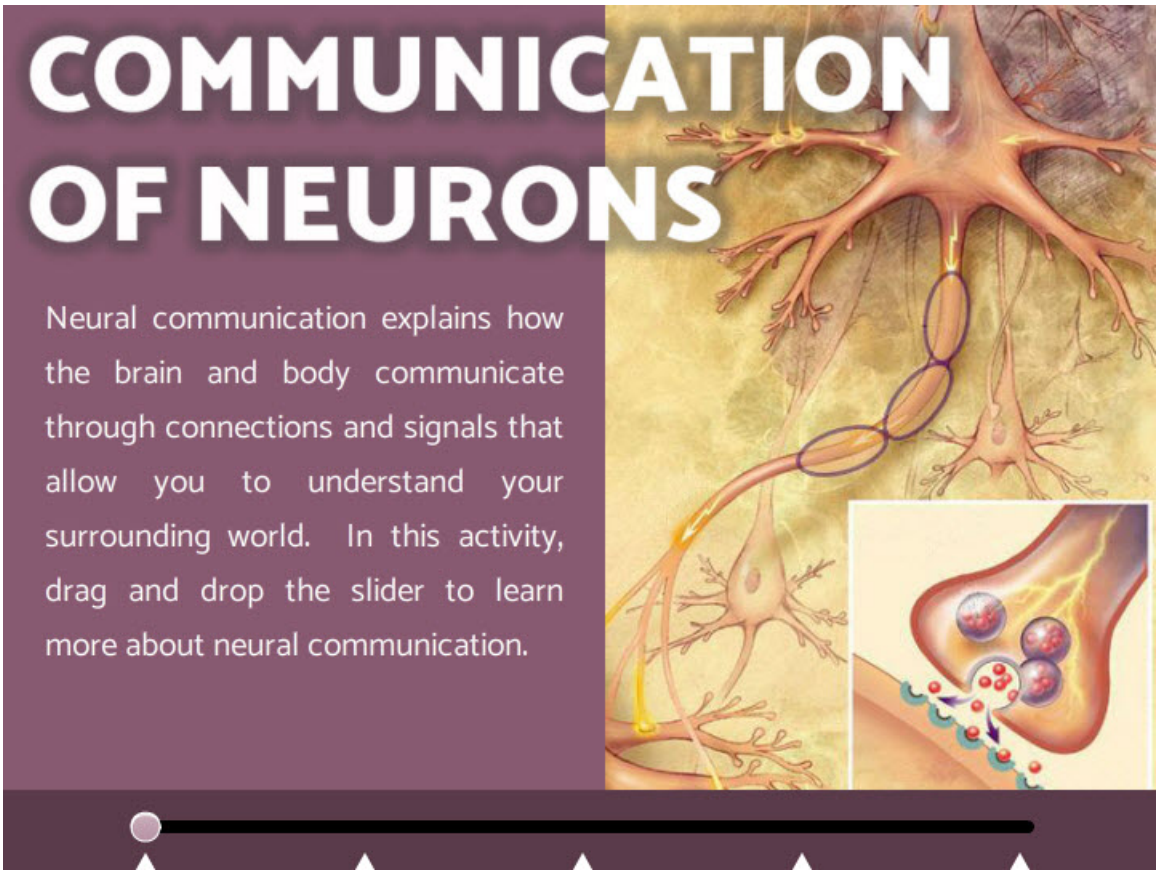
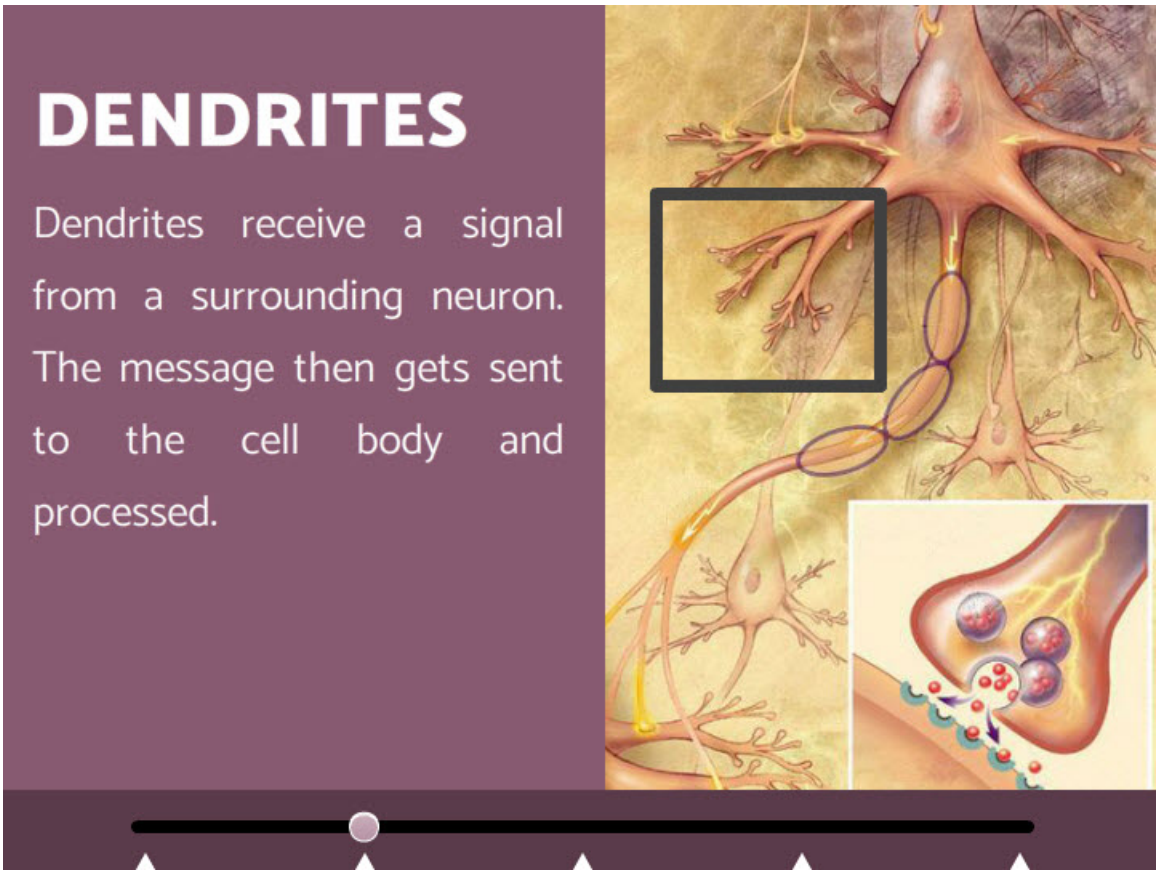
Module 2: Biological Basis of Behavior
Topic 1 Content: Communication of Neurons

Introduction



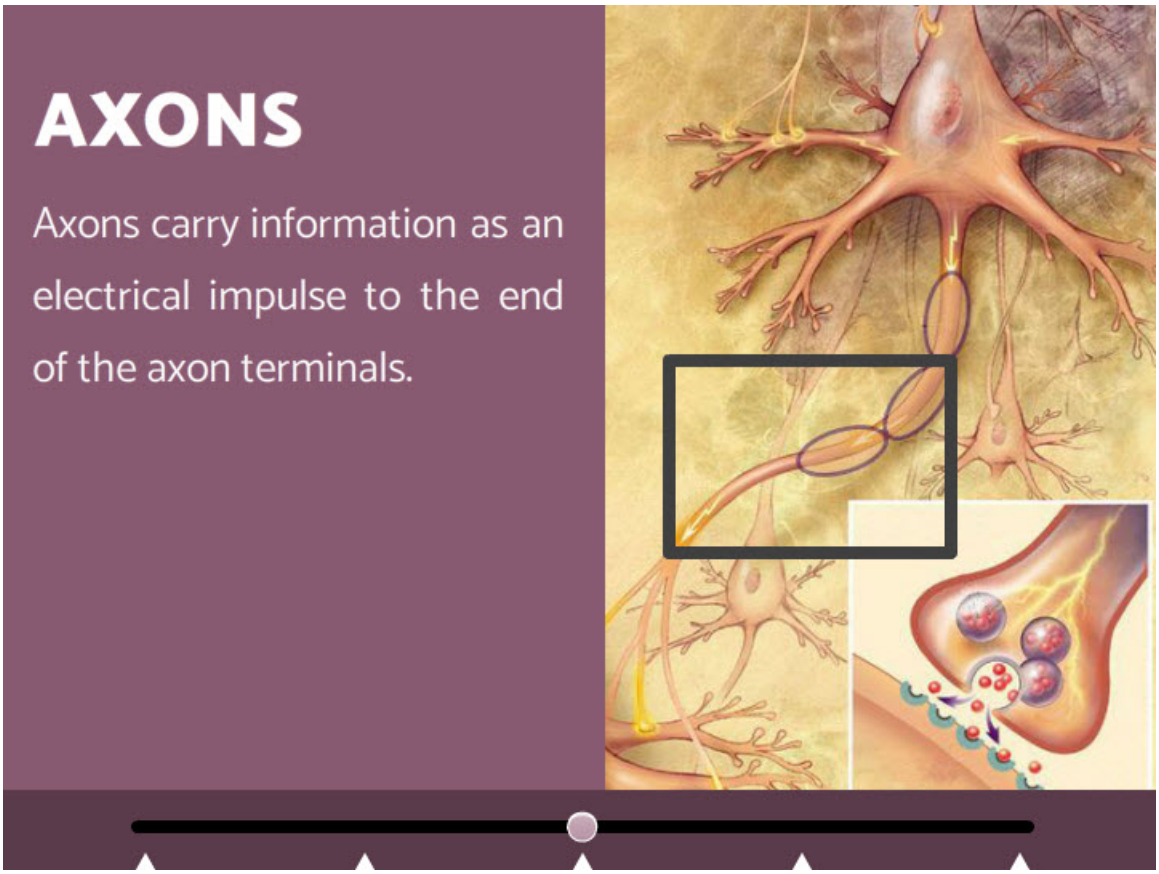
Neural communication explains how the brain and body communicate through connections and signals that allow you to understand your surrounding world. In this activity, drag and drop the slider to learn more about neural communication.

Dendrites



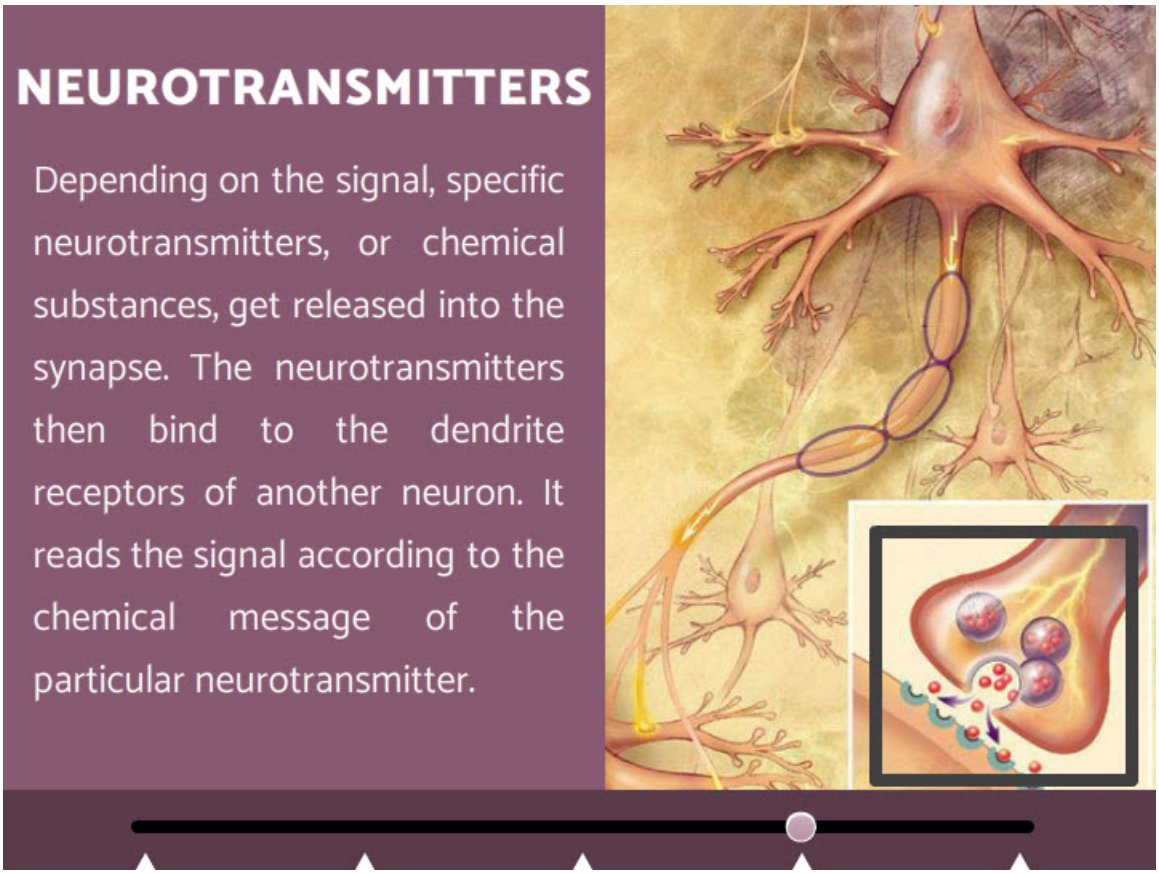
Dendrites receive a signal from a surrounding neuron. The message is then sent to the cell body and processed.

Axons



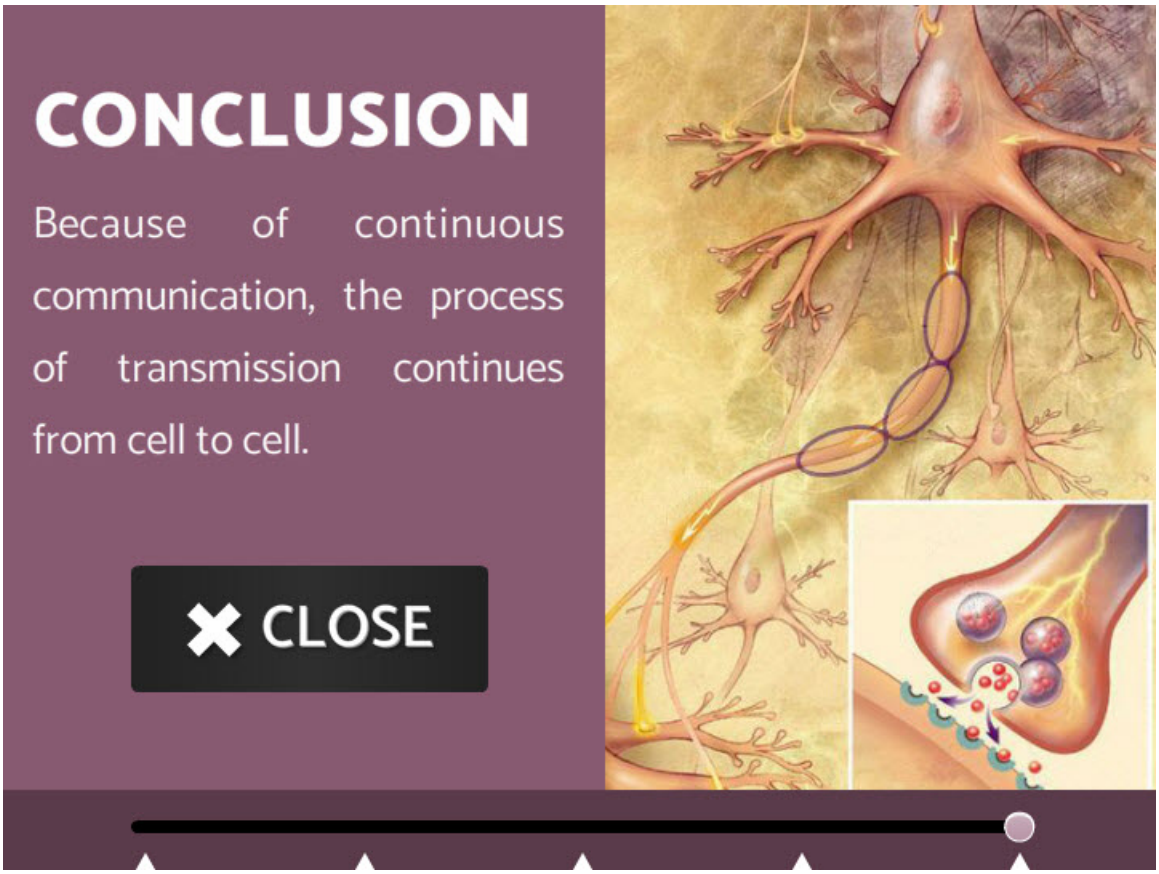
Axons carry information as an electrical impulse to the end of the axon terminals.

Neurotransmitters



Depending on the signal, specific neurotransmitters, or chemical substances, get released into the synapse. The neurotransmitters then bind to the dendrite receptors of another neuron. It reads the signal according to the chemical message of the particular neurotransmitter.

Conclusion



The process of transmission continues from cell to cell.