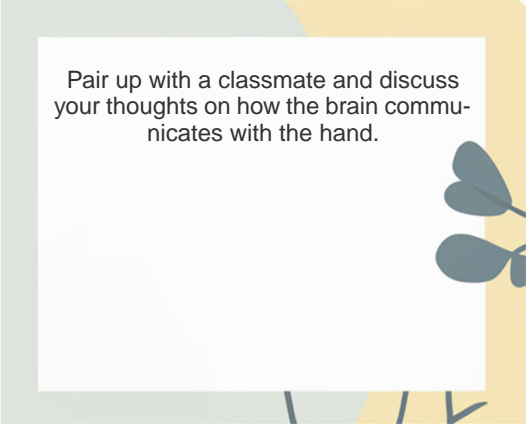



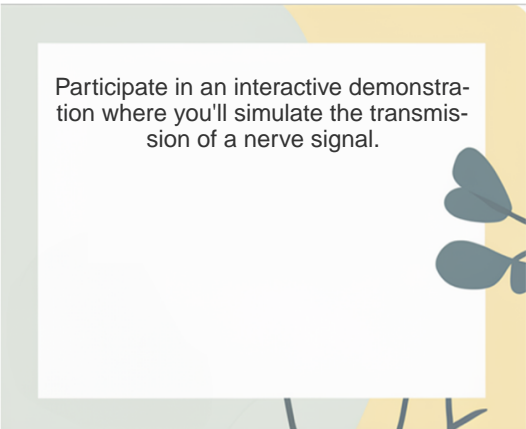
Think about the question: 'How do you think your brain tells your hand to move?' Write down your thoughts.



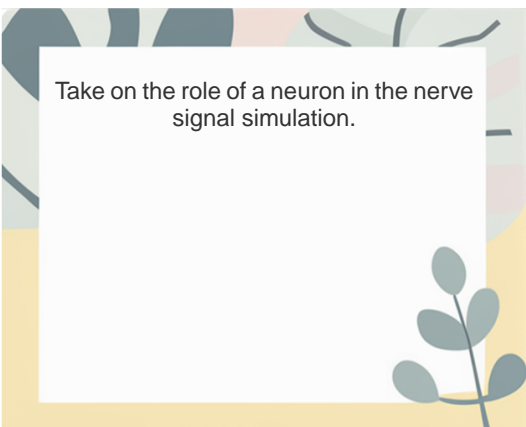
Pair up with a classmate and discuss your thoughts on how the brain communicates with the hand.



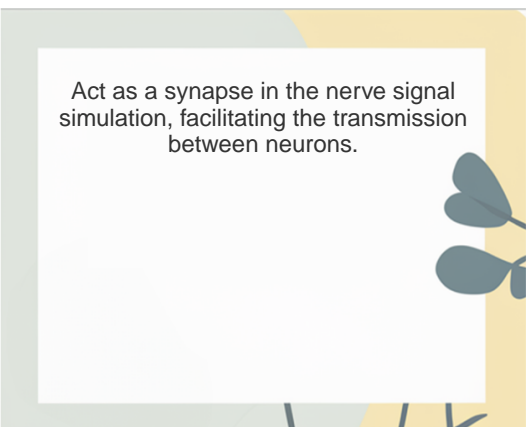
Share your ideas with the class about the brain-hand communication process.



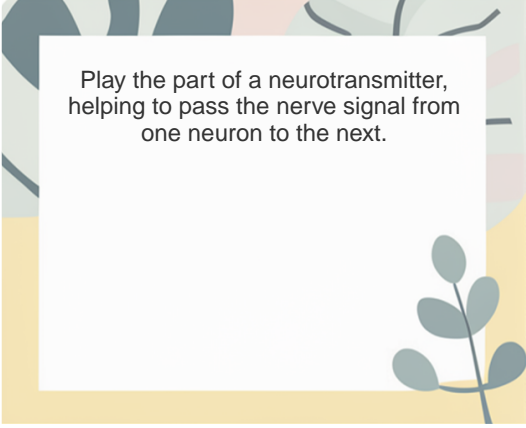
Participate in an interactive demonstration where you'll simulate the transmission of a nerve signal.



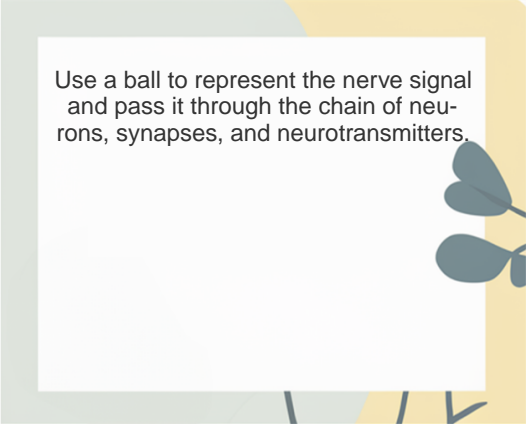
Take on the role of a neuron in the nerve signal simulation.



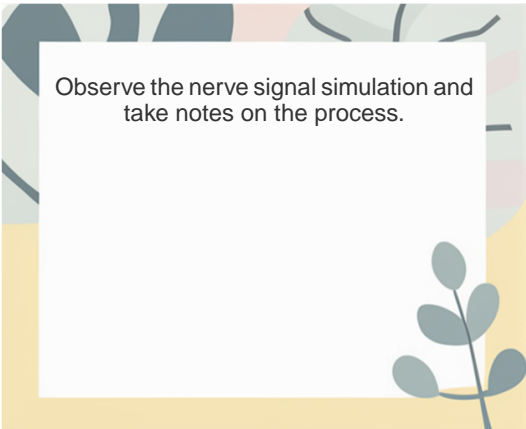
Act as a synapse in the nerve signal simulation, facilitating the transmission between neurons.




Play the part of a neurotransmitter, helping to pass the nerve signal from one neuron to the next.



Use a ball to represent the nerve signal and pass it through the chain of neurons, synapses, and neurotransmitters.



Observe the nerve signal simulation and take notes on the process.



Reflect on the activity and write a short paragraph about what you learned regarding the communication within the nervous system.