

# Neural Pathway Wall Mural

Years P-6

## Learning Intention

To strengthen students' understanding of how neurons fire and wire to create new neural pathways.

## Outline

Each student constructs a neuron using the parts from the Neuron Parts Sheet. The neurons are glued onto the large piece of paper to make neural pathways. Neuron parts are labelled. Glitter is applied on the synapse between each neuron to signify firing and wiring.



## You will need:

Neuron Wall Mural template

Scissors, glue, glitter

Large sheet of paper

## Procedure

Each student cuts out the three parts of the neuron- the cell body containing the nucleus, the dendrites and the axon. They then paste the parts together to form a neuron.

Each neuron is then pasted to a large sheet of paper to form a class mural. Ensure the neurons do not touch and that the gap (the synapse) is between an axon of one neuron and dendrite of another. Apply labels to the parts of the neuron. Add glue and glitter to the synapse at the end of each axon.