Unit 3 KA4a: Nerve Cells and Neurotransmitters

*Draw a synapse, labelling the **pre synaptic neuron, vesicles containing neurotransmitters, synaptic cleft, post synaptic neuron and receptors***

*Draw a neuron, labelling the **cell body, dendrite** and **axon***

Function of myelin sheath

By what process do neurotransmitters cross the synaptic cleft?

Why neurotransmitters must be removed after release.

State two functions of **glial cells**

*Why a 2 year old's responses to stimuli are **not as rapid or co-ordinated** as an adult's.*

*Two methods in which **neurotransmitters are removed from the synaptic cleft***

1.

2.

1.

2.

Complete the sentence:

Certain diseases destroy the myelin _____ causing a loss of _____ - _____