A stimulus sends its signals to the sensory neurons, then the sensory neuron brings it to the brain as the interneuron brings the signal. The interneuron passes the decision to the motor neuron, and the motor neuron carries it to the muscle and the muscle makes the move.

An eye

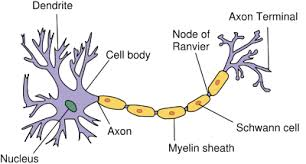


Sees the cockroach and activates the stimulus to send it to the sensory neurons.

Jalen Heyward

Sensory Neuron

The sensory neurons bring that stimulus signal to the brain



A Cockroach

The cockroach starts the stimulus of fear

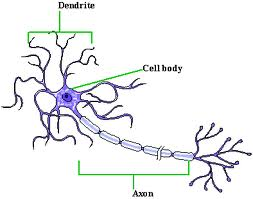


Leg/ foot



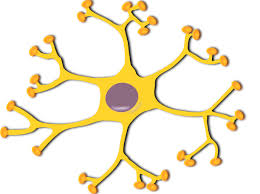
The leg/foot gets the message to smash the cockroach and does as instructed.

Motor Neurons



The Motor neuron carries the decision to the muscle in this case the leg/ foot to smash the cockroach.

Association Neuron/ Interneuron



The brain makes a decision and sends the decision back down the spinal cord with the interneuron and then passes it to the motor neurons.