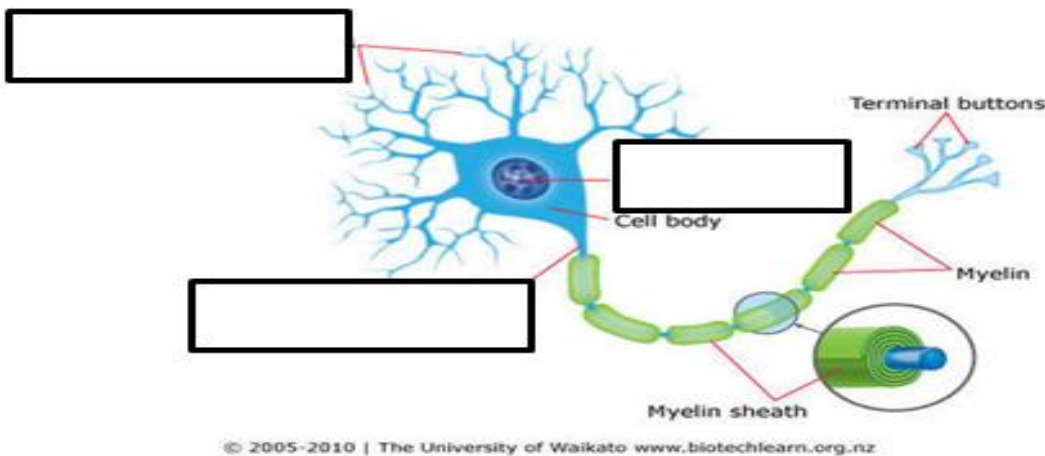


**WEBSITE 1: CELL SPECIALIZATION (STRUCTURE & FUNCTION ARE RELATED)**

Watch the video called: “Specialized Cells and Tissues”. Complete the related facts:

- Epidermal cells are found in the \_\_\_\_\_.
- Muscle cells are long and \_\_\_\_\_-like and contain \_\_\_\_\_.
- The muscle cells \_\_\_\_\_ and \_\_\_\_\_ together making movement possible.
- Bone cells secrete \_\_\_\_\_ which forms bone.
- Nerve cells, also called \_\_\_\_\_, conduct \_\_\_\_\_.

Label the structures of the nerve cell:



There are several kinds of blood cells.

- Red Blood Cells are most numerous. They carry \_\_\_\_\_.
- White Blood Cells defend body against \_\_\_\_\_.

**WEBSITE 2: Red Blood cells**

1. Red blood cells deliver \_\_\_\_\_ and get remove \_\_\_\_\_.
2. These blood cells are red because they contain a protein called \_\_\_\_\_.
3. Hemoglobin contains an element called \_\_\_\_\_.

**WEBSITE 3: White blood cells**

1. What is the purpose of a white blood cell? \_\_\_\_\_
2. White blood cells will produce protective \_\_\_\_\_ that over power the germ. Others can swarm and devour the \_\_\_\_\_.
3. A drop of blood contains anywhere from \_\_\_\_\_ to \_\_\_\_\_ number of white blood cells. If an invading infection fights back and persists, that number will significantly \_\_\_\_\_.

**WEBSITE 4: Nerve cells**

1. What is a neuron? \_\_\_\_\_
2. The purpose of a neuron is to \_\_\_\_\_.

