**Outcome Practice: Cell Structures Functions**

**Name: Outcome 5 Biology 11**

**🡨-------------------------Essentials ------------------------🡪**

**Directions:** Use pages 174 to 182 in your textbook and the video linked in the lesson to assist you in filling in the chart.

|  |  |  |
| --- | --- | --- |
| **Cell Structure** | **Plant and/or Animal Cell** | **Function: indicate what the structure does within the cell, not what it looks like!** |
| Cell Wall |  |  |
| Cell membrane |  |  |
| Nucleus |  |  |
| Chromosomes |  |  |
| Chloroplast |  |  |
| Ribosomes |  |  |
| Mitochondria |  |  |
| Cytoplasm |  |  |
| Centrioles |  |  |
| Nucleolus |  |  |
| Nuclear Membrane |  |  |
| Smooth Endoplasmic Reticulum  **🡨--------------Extensions ---------------🡪** |  |  |
| Rough Endoplasmic Reticulum |  |  |
| Golgi Apparatus (body) |  |  |
| Lysosomes |  |  |
| Vacuoles |  |  |

**Eukaryotic cells can be plants, animals, fungi and some protist. Plant and animal cells although both eukaryotic cells have some differences between them. Compare the differences between a plant and animal cell, this can include organelles, processes, structure, etc.**