**ANIMAL Cells**

**Step 1:** Head to <http://www.sheppardsoftware.com/health/anatomy/cell/index.htm>

**Step 2:** Click on the Animal Cell Tutorial (click on the word “Tutorial” down on the bottom of the Animal Cell rectangle)

**Step 3:** Answer the following questions and complete the chart based on the information on the site:

1. T/F All animals are made of cells
2. T/F All animals have more than 1 cell

**Animal Cells**

|  |  |  |  |
| --- | --- | --- | --- |
| **Cell Organelle** | **“Role”** | **Where found/description** | **Function/Job of organelle** |
| Plasma Membrane | Doorman  |  |  |
| Ribosome |  |  |  |
| Mitochondria |  |  |  |
| Nucleus |  |  |  |
| Golgi Apparatus |  |  |  |
|  Cytoplasm |  |  |  |
| Lysosomes & peroxisomes  |  |  |  |
| Endoplasmic Reticulum  |  |  |  |

**Step 4:** Take the Quiz

**Step 5:** Go back to the “Cell Games” and play the Animal Cell Game

**PLANT Cells**

**Step 1:** Head to <http://www.sheppardsoftware.com/health/anatomy/cell/index.htm>

**Step 2:** Click on the Plant Cell Tutorial (click on the word “Tutorial” down on the bottom of the Plant Cell rectangle)

**Step 3:** Answer the following questions and complete the chart based on the information on the site:

1. T/F Plants are not made of cells like animals
2. Animals, fungi and plant cells are all classified as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. What is the same between Animal and Plant cells?
4. List some differences between Animal and Plant cells:

**Plant Cells**

|  |  |  |  |
| --- | --- | --- | --- |
| **Cell Organelle** | **“Role”** | **Where found/description** | **Function/Job of organelle** |
| Cell Wall | Security guard |  |  |
| Plasma Membrane |  |  |  |
| Chloroplast  |  |  |  |
| Large Central Vacuole |  |  |  |
| Ribosome |  |  |  |
| Mitochondria |  |  |  |
| Nucleus |  |  |  |
| Golgi Apparatus |  |  |  |
|  Cytoplasm |  |  |  |
| Peroxisomes  |  |  |  |
| Endoplasmic Reticulum  |  |  |  |

**Step 4:** Go back to the “Cell Games” and play the Plant Cell Game