|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Nucleus** |  | **Control center of the cell - contains DNA & Chromosomes** |  | **Golgi Bodies** |  | **Moves protein and other materials around and out of cell** |
|  |  |  |  |  |  |  |
| **Cytoplasm** |  | **Gel Like substance inside the cell. Contains organelles** |  | **Lysosome** |  | **Digests proteins, fats and carbohydrates** |
|  |  |  |  |  |  |  |
| **Endoplasmic****Recticulum** |  | **Packages proteins** |  | **Vacuoles** |  | **Space for storage of many things. Contain water (sap in plants)** |
|  |  |  |  |  |  |  |
| **Ribosomes** |  | **Make Proteins** |  | **Chloroplast** |  | **Contain Chlorophyll. Where photosynthesis occurs.** |
|  |  |  |  |  |  |  |
| **Mitochondria** |  | **Produce energy** |  | **Cell Membrane** |  | **Controls what going in and out of the cell.** |
|  |  |  |  |  |  |  |
|  |  |  |  | **Cell Wall** |  | **Supports and Protects** |