|  |  |  |  |
| --- | --- | --- | --- |
| ORGANELLE | LOCATION | DESCRIPTION | FUNCTION |
| Cell Wall | Plants only | Outer layer | Support & protection |
| Cell Membrane | Both, plant and animal | Plant- inside cell wall  Animal- outer layer |  |
| Nucleus |  | Large, round |  |
| Nuclear  Membrane |  |  |  |
| Cytoplasm |  |  |  |
| Smooth  Endoplasmic  Reticulum |  |  |  |
| Rough  Endoplasmic  Reticulum |  |  |  |
| Ribosome |  |  |  |
| Mitochondrion |  |  |  |
| Vacuole |  |  |  |
| Lysosome |  |  |  |
| Chloroplast |  |  |  |
| Nucleolus |  |  |  |
| Golgi  Apparatus |  |  |  |
| ORGANELLE | LOCATION | DESCRIPTION | FUNCTION |
| Centrioles |  |  |  |
| Centrosome |  |  |  |
| Microtubules |  |  |  |
| Peroxisomes |  |  |  |
| Amyloplast |  |  |  |

**\*\*\*Draw a bacteria, an animal and plant cell below.**