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| **Section 2.0:** Cells play a vital role in living things. | | | |
| **Cell** |  | | |
| **Organelle** | **Important organelles:** | |  |
| **Cell Membrane** |  | |  |
| **Cell Wall** |  | |  |
| **Cytoplasm** |  | |  |
| **Chloroplasts** |  | |  |
| **Mitochondria** |  | |  |
| **Vacuoles** |  | |  |
| **Nucleus** |  | |  |
| **Other Organelles** | 1. **3)** 2. **4)** | | |
| **Plant and Animal Cells**    **A picture containing text, map  Description automatically generated A picture containing text, map  Description automatically generated** | | | |
| **Differences Between Plant and Animal Cells** |  | | |
| **Unicellular** |  | |  |
| **Prokaryotic** |  | |  |
| **Eukaryotic** |  | |  |
| **Multicellular** |  | |  |
| **Substance Movement** |  | | |
| **Diffusion** |  | |  |
| **Osmosis** |  | |  |
| **DNA** |  | |  |
| **Nucleotides** |  | |  |
| **Complementary Bases** |  | | |
| **Cell Replication** |  | | |
| **Mitosis** |  | |  |
| **Meiosis** |  | |  |
| **Specialized Cells Page 121** |  | |  |
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