**9th Grade Honors Biology Cell Organelle Chart**

**Basic Organelles (these are from this unit and will show up on the EOC):**

|  |  |  |
| --- | --- | --- |
| **Organelle** | **Function** | **Picture** |
| Nucleus |  |  |
| Cell Membrane |  |  |
| Cell Wall |  |  |
| Chloroplast |  |  |
| Mitochondria |  |  |
| Ribosome |  |  |
| Vacuole |  |  |

**Honors-level Organelles (these won’t be on the EOC, but you’ll need for an advanced course later):**

|  |  |  |
| --- | --- | --- |
| **Organelle** | **Function** | **Picture** |
| Nuclear Envelope/Nuclear Pores |  |  |
| Golgi Apparatus |  |  |
| Endoplasmic Reticulum (Smooth and Rough) |  |  |
| Cytoplasm |  |  |

**Specialized organelles (these will be on the EOC but will show up in subsequent units):**

|  |  |  |
| --- | --- | --- |
| **Organelle** | **Function** | **Picture** |
| Eyespot |  |  |
| Contractile Vacuole |  |  |
| Cilia |  |  |
| Flagella |  |  |
| Pseudopod |  |  |
| Centrioles |  |  |
| Spindle Fibers |  |  |
| Chromatin |  |  |