**Unit: The Cell**

**Tentative Timeline: September 30th – November 21st**

**Test: November 20th & November 21st**

**Chapters: 7- Cell Structure and Function**

**Essential Questions:**

* How does structure and function relate to the efficiency of organelles?
* How does a cell transport materials across the cell membrane?
* What is the difference between a plant and animal cell?

**LEARNING GOALS:**

* Describe the structure and function of different cell parts
* Osmosis and Diffusion
* Plant vs Animal cells
* Prokaryote vs Eukaryote cells
* Cell Transport
* Microscopes

**Vocabulary:**

|  |  |
| --- | --- |
| * Cell
* Cell theory
* Cell membrane
* Nucleus
* Eukaryote
* Prokaryote
* Cytoplasm
* Organelle
* Ribosome
* Mitochondrion
 | * Chloroplasts
* Cell wall
* Selectively permeable
* Diffusion
* Osmosis

 |

ASSIGNMENTS FOR UNIT:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Date | Description | Turned In/Completed | Grade |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
| 9 |  |  |  |  |
| 10 |  |  |  |  |
| 11 |  |  |  |  |
| 12 |  |  |  |  |
| 13 |  |  |  |  |