Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Unit 3

Period: \_\_\_\_\_ Page: \_\_\_\_\_

**Unit 3 Map - Cell Structure and Transport**

Pre-AP Biology

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| **Topic** | **Specific Learning Target** | **Checkpoint Score %** | **Test Score %** |
| 1. Cell Theory | A. I can describe the key events and scientists involved in the development of the cell theory. |  |  |
| B. I can identify the parts of the cell theory and evaluate evidence to support each part of the theory. |
| 2. Cell Types and Structures | C. I can compare and contrast characteristics of prokaryotic and eukaryotic cells |  |  |
| D. I can compare and contrast characteristics of animal and plant cells. |
| E. I can describe the structures and functions of various cell parts (organelles) found in different cell types. |
| F. I can describe the organization of cells in multicellular organisms into tissues, organs, and organ systems. |
| 3. Cell Transport | G. I can identify the basic molecules / structures within the cell membrane and explain why it is called the phospholipid bilayer and fluid mosaic model. |  |  |
| H. I can explain how the structure of the cell membrane gives it the property of selective permeability. |
| I. I can compare and contrast the different processes involving transport of materials across the cell membrane – simple diffusion, facilitated diffusion, osmosis, and active transport. |
| J. I can connect the efficiency of a cell’s ability to transport material across its membrane based on surface area to volume ratios. |

In order to be eligible to retake any portion of the test, you must complete the End of Unit Review Packet before you take the original test.

Once you determine which portion of the test needs to be retaken (if a retake is necessary at all), you must complete the accompanying “target practice” assignment. Only after completing the target practice can you come after school to retake that portion of the test.

Retake scores will ALWAYS replace original test scores, even if they are lower than the original test score.