

Name: _____ Date: _____ Period: _____

Notes: Cellular Processes Standard 7-2.4

Concepts	Notes
D _____	<ul style="list-style-type: none"> • One way materials _____ across the _____ membrane • Materials _____ from an area of _____ concentration to an area of _____ concentration
O _____	<ul style="list-style-type: none"> • The diffusion of _____ across the cellular membrane
P _____	<ul style="list-style-type: none"> • Plants use _____ energy to combine CO₂ and H₂O to make simple _____ • Plant cells also release _____ gas. • Once the sugars are formed, they are either _____ by the plant or _____ in vacuoles. • Photosynthesis occurs in the _____. <div data-bbox="820 457 1247 747" data-label="Image"> </div>
R _____	<ul style="list-style-type: none"> • All organisms, break down simple _____ in CO₂ and water and release _____. • The cell uses the energy to b_____, r_____, and r_____ cells. • Respiration occurs in the m_____ of cells. <div data-bbox="724 793 1269 1100" data-label="Diagram"> </div>
W _____ E _____	<ul style="list-style-type: none"> • Organisms rid the cells of waste products that could be h_____ to the cell. • The waste particles will <i>move from a more concentrated area to a less concentrated area.</i> (d_____)
M _____	<ul style="list-style-type: none"> • Cell r _____ is called mitosis and occurs in the n _____ of the cell. • Mitosis enable a cell to make an e _____ copy of it. • Mitosis is a process of cell d _____, which results in the production of two daughter cells from a single parent cell. • Mitosis is needed for g _____, r _____ and Asexual r _____. <div data-bbox="867 1369 1289 1751" data-label="Diagram"> </div>