Chapter 7 Section 4 Diffusion Student Notes

Types of Cellular Transport

* Passive Transport
  + Movement of particles across the cell membrane without using energy
* Active Transport
  + Movement of particles across the cell membrane using energy

Three Modes of Passive Transport

* Facilitated Diffusion
* Osmosis

Diffusion

* Movement of particles from an area of high concentration to an area of lower concentration

Diffusion is controlled by

Dynamic Equilibrium

* Reached when diffusion of material into the cell equals diffusion of material out of the cell
* Molecules continue to move, but the overall concentration remains the same.

Plasma Membrane

* Controls the amount of a substance entering the cell
* Controls the amount of a substance leaving the cell

Diffusion in a Cell

