Diffusion & Osmosis Outline

1. Diffusion
   1. Introduction
   2. Factors that Affect the Rate of Diffusion
   3. Categories of Diffusion
      1. Regular Diffusion
      2. Facilitated Diffusion
      3. Active Transport
2. Osmosis—Special Case of Diffusion
   1. Osmotic Pressure; Osmotic Potential; Solute Potential
   2. Pressure Potential
   3. Water Potential
      1. Definition
      2. Equation
         1. Osmotic Potential + Pressure Potential
3. Cells & Osmosis
   1. Pressure Potential in Plant Cells
      1. Turgor pressure
      2. Pressure due to Transpiration
   2. Calculating Water Potential for Solutions found in Cells