

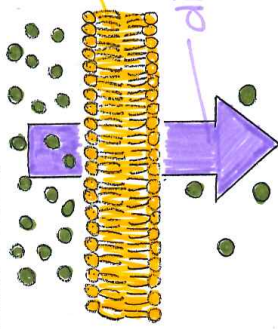
16/52 osmosis in flower top 16/52

# Membrane Transport

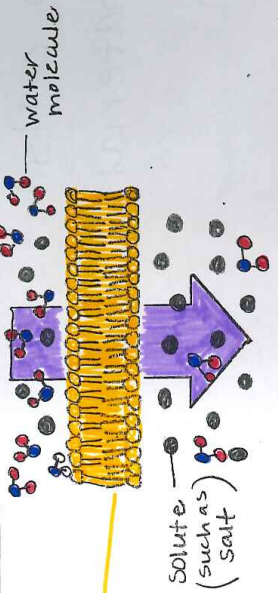
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**Passive Transport**  
Movement of particles across a cell membrane without the use of energy

**Diffusion**  
the movement of molecules from high concentrations to low concentrations



**Osmosis**  
the diffusion of water through a semi-permeable membrane



**Active Transport**  
the movement of particles against a concentration gradient - requires energy

**Endocytosis**  
Use of energy by a cell to move a particle into a cell



**Exocytosis**  
Use of energy by a cell to release contents from a vesicle inside the cell to out of the cell.

