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| **Guided Notes: Cell Transport** | | |
| **Prokaryotic Cells**    * **Ex**: | | **Eukaryotic Cells**    * **Ex**: |
| **Cell Membrane** | * What does it do? * Main Parts: | |
| **Diffusion** | * Movement of particles from an area of… * Particles spread out until… | |
| **Osmosis** | * Diffusion of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ across a selectively permeable membrane (i.e. the cell membrane) | |
| **Isotonic Solution** | * **ISO**: * Concentration is… | |
| **Hypertonic Solution** | * **HYPER**: * Solution has more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (particles) than the other side of the membrane (inside the cell) | |
| **Hypotonic Solution** | * **HYPO**: * Solution has \_\_\_\_\_\_\_\_\_\_ solutes (particles) than the other side of the membrane (inside the cell) | |
| **Passive Transport** | * Movement \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the concentration gradient * **Key Point**: | |
| **Facilitated Diffusion** | * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ within the cell membrane help move molecules across the membrane * **Example**: | |
| **Active Transport** | * Movement of molecules \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the concentration \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ * **Key Point**: | |
| **Endocytosis** | * Taking materials \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by infoldings of the cell membrane | |
| **Phagocytosis** | * \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by surrounding a particle and packaging it into a food vacuole * **Key Point**: | |
| **Pinocytosis** | * Tiny pockets form along the cell membrane,… * **Key Point**: | |
| **Exocytosis** | * Vacuole fuses with the cell membrane,… * **Key Point**: | |