Cell transport notes

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| How does the cell membrane control the materials that move in and out of the cell? | Passive Transport  The movement of materials through the membrane **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** using cellular energy  Active Transport  The movement of materials through the cell membrane **using \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_** called ATP. (adenosine tri-phosphate) |
| What are two examples of Passive Transport? | Diffusion  The process in which **\_\_\_\_\_\_\_\_\_\_\_\_\_** move through the cell membrane from an area of \_\_\_\_\_\_\_\_\_\_\_\_ concentration to an area of \_\_\_\_\_\_\_\_\_\_\_concentration.  Osmosis  The process in which **\_\_\_\_\_\_\_\_\_\_\_\_** **molecules** moves through the cell membrane from an area of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ concentration to an area of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ concentration. |
| What are examples on active transport? | 1. Transport proteins   The use of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ proteins in the cell act as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ moving materials in and out of the cell. Example- Sodium Pump  2. Phagocytosis  The process in which the cell membrane \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the material and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_it. Example – An amoeba will engulf its food through the process of phagocytosis. |