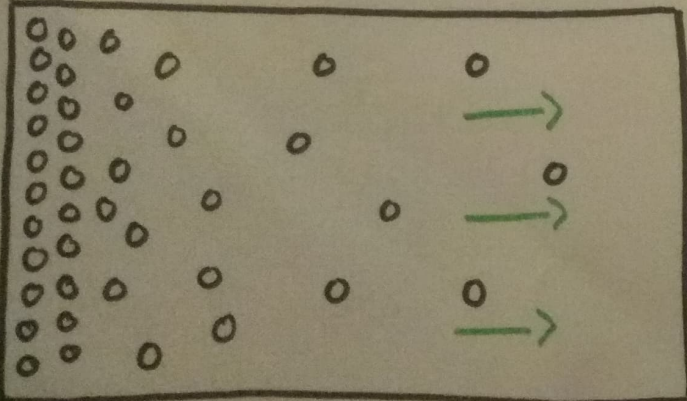


DIFFUSION

- net movement of particles from an area of **high concentration** to an area of **low concentration**
- happens due to random movement of particles
- a passive process which means that no energy is needed

diffusion

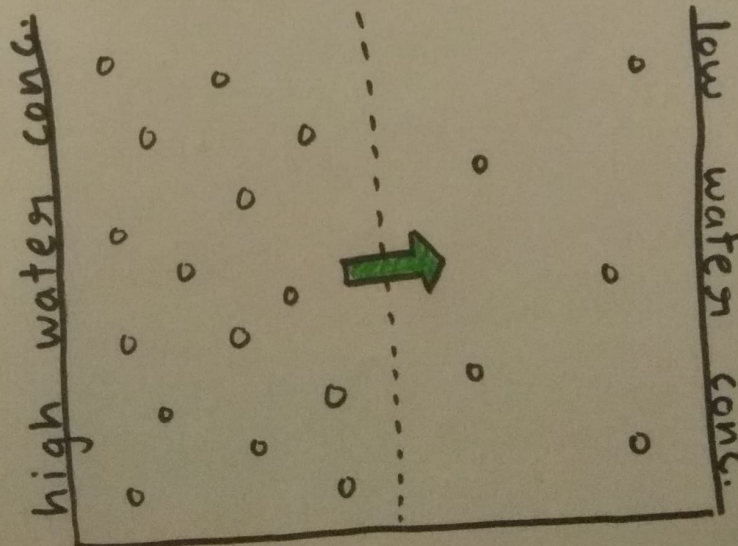


OSMOSIS

- the movement of water from a region of high water concentration through a semi-permeable membrane to a region of low water concentration

MOVEMENT IN AND OUT OF CELLS

osmosis



hypotonic solution

- a solution that has a higher water concentration than that in the cell

isotonic solution

- when the cell and the medium surrounding it are of the same concentration of water

hypertonic solution

- when the medium surrounding the cell has lower concentration of water than that in the cell.

plasmolysis

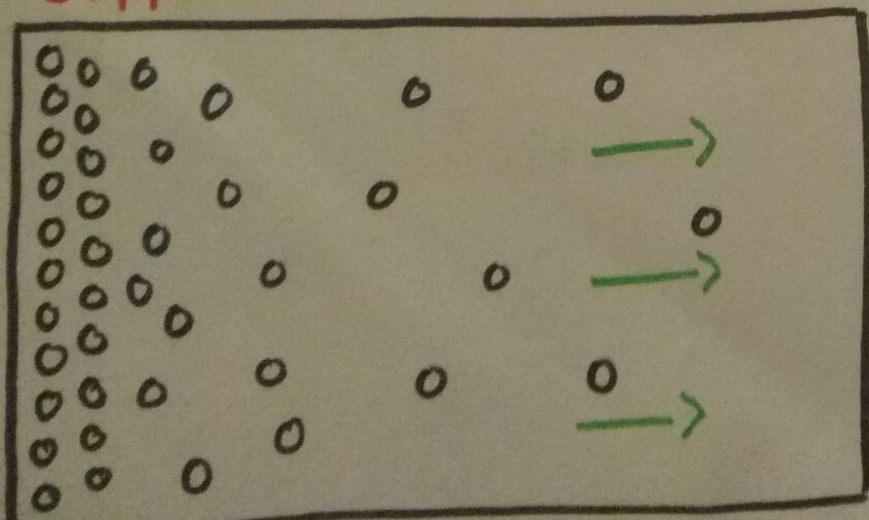
- the phenomenon by which a plant cell loses water and shrinks, due to osmosis.

endocytosis - the process by which a cell is able to engulf food & other material.

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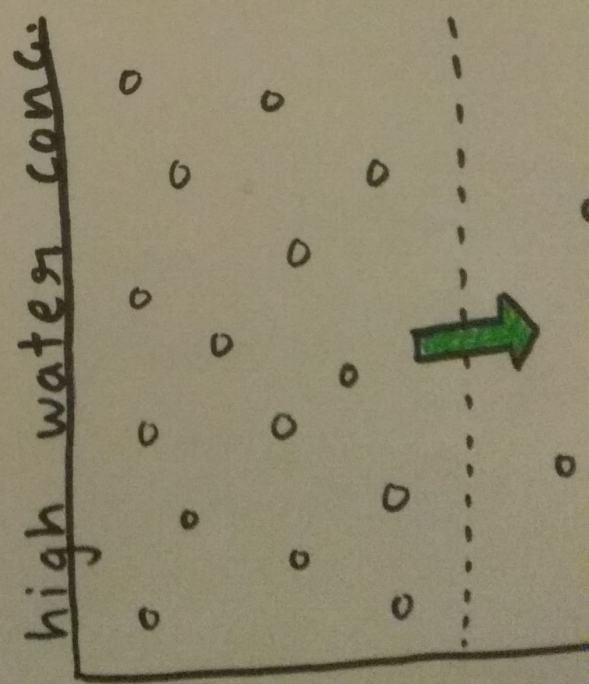


OSMOSIS

- the movement of water from an area of high concentration to an area of low concentration through a semi-permeable membrane

MOVEMENT AND OUT OF

osmosis

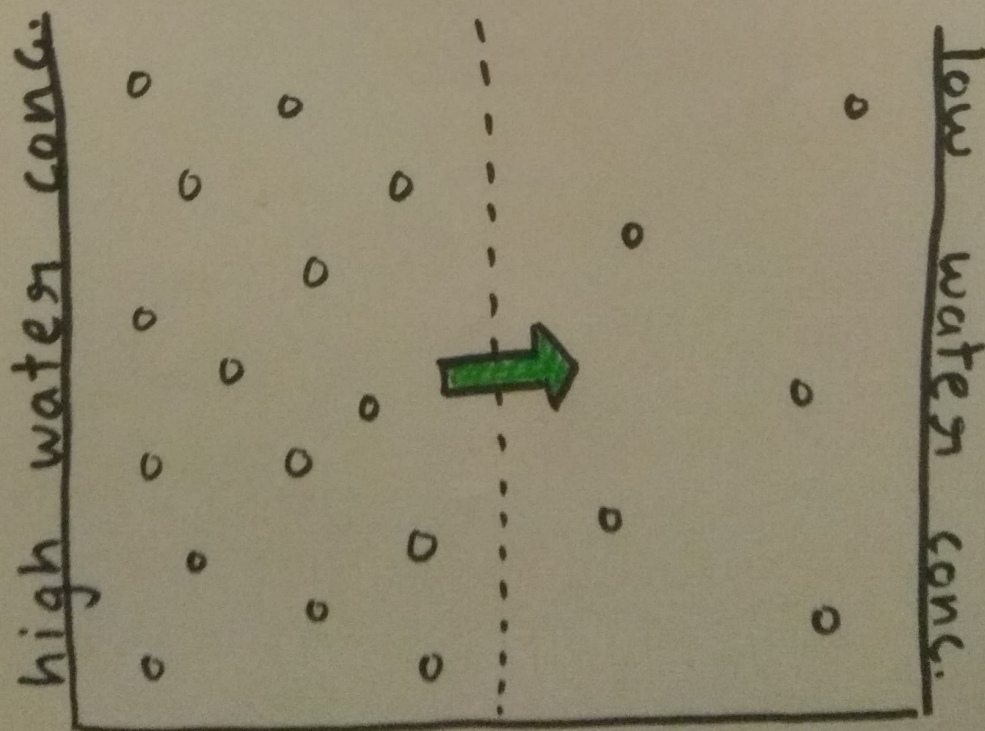


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MOVEMENT IN AND OUT OF CELLS

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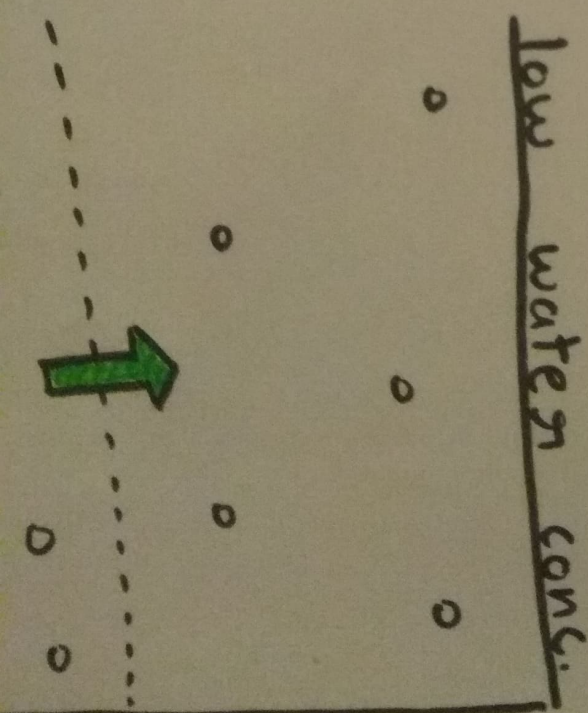


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