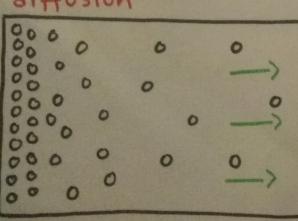
### DIFFUSION

- net movement of particles from an area of high concentration to an area of low concentration
- happens due to rondom movement of particles
- -) a <u>passive</u> process which means that no energy is needed

#### diffusion



#### OSMOSIS

-7 the movement of
water from a region
of high water
concentration through a
semi-permeable membrane
to a region of low water
concentration

AND OUT OF CELLS

#### osmosis

high water confe

- hypotonic solution

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

# -> isotonic solution

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

# - hypertonic solution

water

-) when the medium surrounding the cell has lower concentration of.

water than that i

> plasmolysis

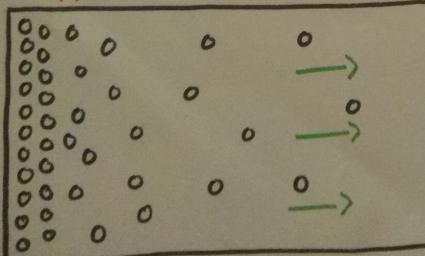
or the phenomenon by which a plant cell loses water and shrinks, due to osmosis.

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

# DIFFUSION

- net movement of
  particles from an
  area of high
  concentration to an
  area of low
  concentration
- -7 happens due to random movement of particles
- neans that no energy is needed

### diffusion



## OSMOS

of high concentrations to a region concentration

AND OUT O

osmosis

high water confer

## OSMOSIS

-> the movement of water from a region of high water concentration through a Semi-permeable memberane to a region of low water concentration

MOVEMENT IN

AND OUT OF CELLS

osmosis

-> the p a plant shrinks endocy by whi

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ergy

- hypotonic 515 solution -) a solution that venent of has a higher from a region water concentration h water than that in the cell lation through a ) isotonic solution ermeable memberane -> when the cell and region of low water the medium tration superounding it are of the same MENT IN } 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.