

Diffusion

Forms electric current
Thermal radiation
(heat, light)

Osmosis

Movement of
Water

No
Energy needed

Moves from
High \rightarrow low
concentration
Moves toward equilibrium

Moves substances
(solids, liquids, gases)

All are moving
substances across
a cell membrane

Energy is needed

Moves from low \rightarrow High concentration
Does not move toward equilibrium

Makes use of transport proteins in membrane
Endocytosis (engulfing) \rightarrow white blood cells
Exocytosis

Active Transport