The membrane protein function as
*🍓* enzymes*🍓*
*🍓* cell
*🍓* DNA
*🍓* RnA

Transport low to high is
*🍓* passive
*🍓* active *🍓*

Active transport needed
*🍓* ATP*🍓*
*🍓* protein
*🍓* ADP

Non polar molecules for example
*🍓* glucose
*🍓* sugars
*🍓* carbon dioxide *🍓*

Polar molecules for example
*🍓* carbon dioxide
*🍓* glucose *🍓*
*🍓* oxygen

Moves down a concentration gradient (from high to law)
*🍓* active
*🍓* passive*🍓*

Facilitated diffusion a type of
*🍓* passive transport*🍓*
*🍓* active transport

Water travels from lower to high
*🍓* diffusion
*🍓* active transport
*🍓* osmosis *🍓*

Solvent and solute particles move to equalize
*🍓* diffusion*🍓*
*🍓* osmosis
*🍓* passive transport

Only solvent particles move
*🍓* diffusion
*🍓* osmosis *🍓*
*🍓* active transport
*🍓* passive transport

Used to export bulky molecules
*🍓* endocytosis
🍓 exocytosis 🍓
🍓 pinocytosis

Used to import substance
🍓 endocytosis🍓
🍓 exocytosis
🍓 phatocytosis

Cell drinking
🍓 phagocytosis
🍓 pinocytosis🍓
🍓 exocytosis

All organisms require
🍓 DNA
🍓 RNA
🍓 energy 🍓

Break down a complex molecules
🍓 anabolism
🍓 metabolism
🍓 catabolism 🍓

Series of chemical reaction
🍓 metabolism 🍓
🍓 anabolism
🍓 catabolism

The energy currency of cells
🍓 ADP
🍓 ATP🍓
🍓 AQD

Enzymes have unique shapes
🍓 3d🍓

🍓🍓🍓🍓

Chapter 4