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