

Chemical reaction (equation)

reactants \longrightarrow products

Catalysts

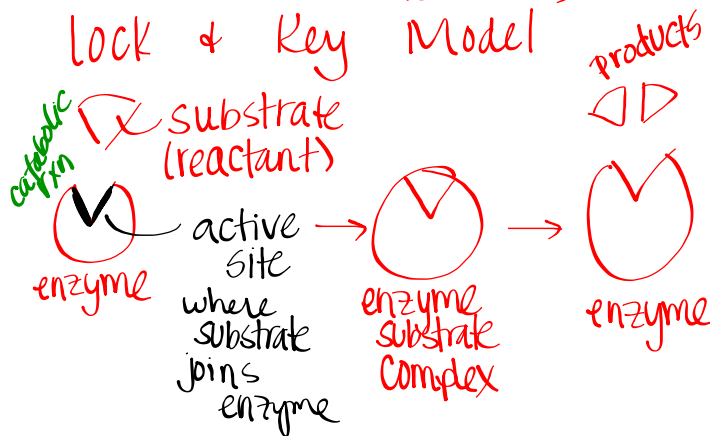
1. speeds up reaction ^(shorter) route
2. lowers activation energy

Enzymes are biological catalysts

Function: to carry out chemical reactions

* Enzymes are proteins made of amino acids

Lock & Key Model

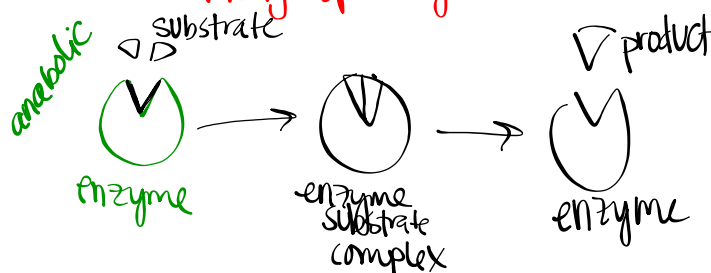


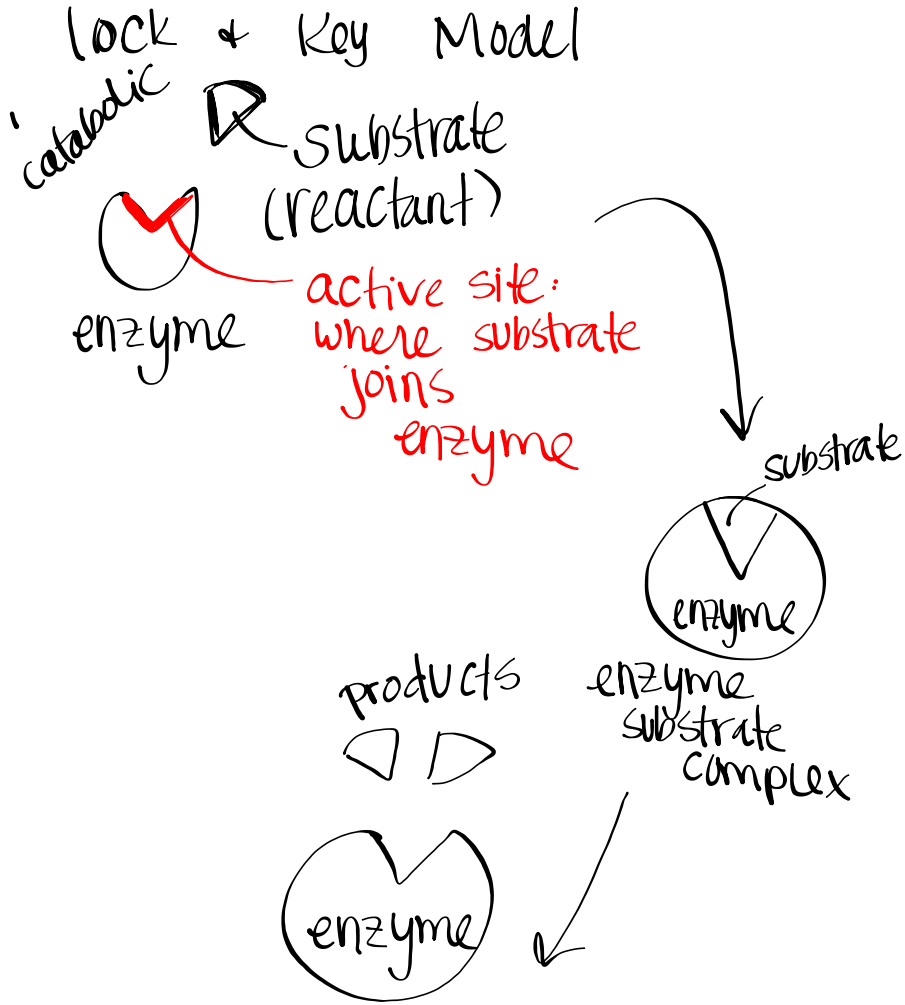
Catabolic

break down large molecules into smaller ones

Anabolic reaction

building up large molecules





Catabolic reaction

break down large molecules into smaller ones

ex: Lactose \rightarrow glucose + galactose

anabolic reaction

combine small molecules to make a large molecule

