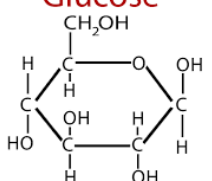
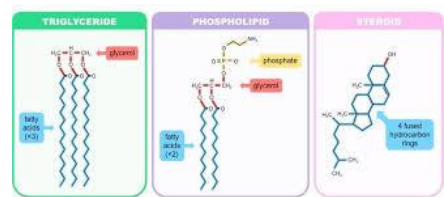
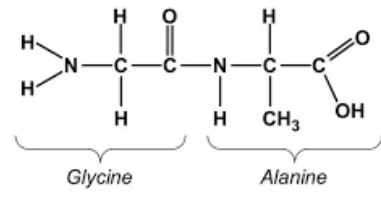
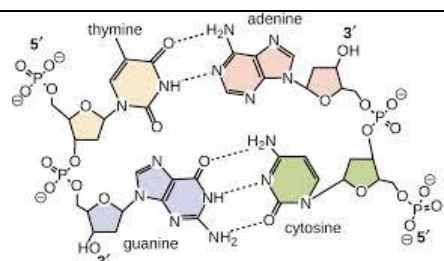


Macromolecules

Biological Macromolecule	Elements Ratio	Monomer	Examples	Function	Shape
Carbohydrate	CHO	Monosaccharide Glucose Fructose galactose	-Glycogen -Starch -Cellulose	- Short term energy storage - Structure (cell walls & exoskeletons)	<p>Glucose</p> 
Lipids	CHO (except phospholipids have P)	Glycerol Fatty acid	Fats Sterols Phospholipid wax	Long term energy Growth and development Cell membrane insulation	
Proteins	CHON	Amino acids	enzymes	Give bodies structure Immune support Decrease activation energy	<p>A dipeptide</p> 
Nucleic Acids	CHONP	nucleotide	DNA . RNA	Stores and transmits genetic/heredity info	 <p>Do not need to know until DNA unit</p>