**Ch.2 Biological Molecules Key Vocab/Concepts**

Key ideas:

1. Hydrolysis reaction
2. Condensation reaction
3. Organic molecules/chemistry
4. Monomer
5. Polymer
6. Structure correlates to function

Macromolecules:

1. Carbohydrates
	1. sugar
	2. monosaccharide
	3. disaccharide
	4. polysaccharide
	5. starch
	6. glycogen
	7. cellulose
2. Lipids
	1. glycerol
	2. fatty acid
	3. triglyceride
	4. phospholipid
	5. steroid
	6. hydrophillic
	7. hydrophobic
	8. saturated
	9. unsaturated
3. Protein
	1. amino acid
	2. amine (amino)
	3. carboxylic acid
	4. R-group
	5. peptide bond
	6. polypeptide
	7. primary structure
	8. secondary structure
		1. α-helix
		2. β-sheets
	9. tertiary structure
	10. quaternary structure
	11. globular proteins
	12. fibrous proteins
	13. hemoglobin
	14. collagen
4. Water
	1. Hydrogen bonds
	2. Cohesion

**Ch.2 Biological Molecules Key Vocab/Concepts**

Key ideas:

1. Hydrolysis reaction
2. Condensation reaction
3. Organic molecules/chemistry
4. Monomer
5. Polymer
6. Structure correlates to function

Macromolecules:

1. Carbohydrates
	1. sugar
	2. monosaccharide
	3. disaccharide
	4. polysaccharide
	5. starch
	6. glycogen
	7. cellulose
2. Lipids
	1. glycerol
	2. fatty acid
	3. triglyceride
	4. phospholipid
	5. steroid
	6. hydrophillic
	7. hydrophobic
	8. saturated
	9. unsaturated
3. Protein
	1. amino acid
	2. amine (amino)
	3. carboxylic acid
	4. R-group
	5. peptide bond
	6. polypeptide
	7. primary structure
	8. secondary structure
		1. α-helix
		2. β-sheets
	9. tertiary structure
	10. quaternary structure
	11. globular proteins
	12. fibrous proteins
	13. hemoglobin
	14. collagen
4. Water
	1. Hydrogen bonds
	2. Cohesion

**Ch.2 Biological Molecules Key Vocab/Concepts**

Key ideas:

1. Hydrolysis reaction
2. Condensation reaction
3. Organic molecules/chemistry
4. Monomer
5. Polymer
6. Structure correlates to function

Macromolecules:

1. Carbohydrates
	1. sugar
	2. monosaccharide
	3. disaccharide
	4. polysaccharide
	5. starch
	6. glycogen
	7. cellulose
2. Lipids
	1. glycerol
	2. fatty acid
	3. triglyceride
	4. phospholipid
	5. steroid
	6. hydrophillic
	7. hydrophobic
	8. saturated
	9. unsaturated
3. Protein
	1. amino acid
	2. amine (amino)
	3. carboxylic acid
	4. R-group
	5. peptide bond
	6. polypeptide
	7. primary structure
	8. secondary structure
		1. α-helix
		2. β-sheets
	9. tertiary structure
	10. quaternary structure
	11. globular proteins
	12. fibrous proteins
	13. hemoglobin
	14. collagen
4. Water
	1. Hydrogen bonds
	2. Cohesion

**Ch.2 Biological Molecules Key Vocab/Concepts**

Key ideas:

1. Hydrolysis reaction
2. Condensation reaction
3. Organic molecules/chemistry
4. Monomer
5. Polymer
6. Structure correlates to function

Macromolecules:

1. Carbohydrates
	1. sugar
	2. monosaccharide
	3. disaccharide
	4. polysaccharide
	5. starch
	6. glycogen
	7. cellulose
2. Lipids
	1. glycerol
	2. fatty acid
	3. triglyceride
	4. phospholipid
	5. steroid
	6. hydrophillic
	7. hydrophobic
	8. saturated
	9. unsaturated
3. Protein
	1. amino acid
	2. amine (amino)
	3. carboxylic acid
	4. R-group
	5. peptide bond
	6. polypeptide
	7. primary structure
	8. secondary structure
		1. α-helix
		2. β-sheets
	9. tertiary structure
	10. quaternary structure
	11. globular proteins
	12. fibrous proteins
	13. hemoglobin
	14. collagen
4. Water
	1. Hydrogen bonds
	2. Cohesion