

Anatomy Study Guide

Chapter 2 – Chemical Basis of Life

1. Study any Quizlets made for chapter 2.
2. Know the aids to understanding words.
3. Compare and contrast DNA and RNA.
4. Draw, label, and explain all the parts of an atom.
5. Explain the pH scale and what pH is measuring.
6. Explain the three different types of lipids.
7. How are electrons distributed in their shells?
8. How do atoms come together to make molecules and compounds?
9. What are the characteristics of all lipids?
10. What are the functions of proteins?
11. What is responsible for the shape of a protein?
12. What is the difference between mass and weight?
13. Why is water important to life?
14. Know/Apply the following terms:
 - Acids
 - Amino acids
 - Atomic weight
 - Atoms
 - Bases
 - Carbohydrates
 - Catalyst
 - Chemistry
 - Compounds
 - Covalent bond
 - Electrolytes
 - Electrons
 - Exchange reaction
 - Hydrogen bonds
 - Hydrogen ions
 - Hydroxide ions
 - Inorganic compound
 - Ions
 - Lipids
 - Matter
 - Molecular formula
 - Molecule
 - Monosaccharides
 - Organic compound
 - pH
 - Polar molecules
 - Protons
 - Saturated fat
 - Synthesis reaction
 - Unsaturated fat