**Bio Vocab**

**Unit 1 – Intro**

1. Adaptation
2. Biology
3. Evolution
4. Anatomy
5. Behavior
6. Organism
7. Phylogeny
8. Controlled experiment
9. Independent variable
10. Dependent variable
11. Hypothesis
12. Inferring
13. Theory
14. Scientific method
15. Transmission electron microscope

**Unit 2 – Macromolecules**

1. Amino acid
2. Carbohydrate
3. Enzyme
4. Fat
5. Fatty Acid
6. Hydrophilic
7. Hydrophobic
8. Lipid
9. Macromolecule
10. Monomer
11. Monosaccharide
12. Nucleic Acid
13. Nucleotide
14. Organic Compound
15. Peptide Bond
16. Polymer
17. Polypeptide
18. Polysaccharide
19. Protein
20. Substrate

**Unit 3 - Cells**

1. Cell
2. Cell Membrane
3. Cytoplasm
4. Selectively permeable
5. Ribosome
6. Endoplasmic Reticulum
7. Mitochondria
8. Lysosome
9. Cilia/Flagella
10. Cell wall
11. Plasmid
12. Nucleus
13. Chloroplast
14. Eukaryote
15. Prokaryote

**Unit 4 – Cellular Processes**

1. Diffusion
2. Osmosis
3. Permeable
4. Hypotonic
5. Isotonic
6. Hypertonic
7. Contractile Vacuole
8. Passive transport
9. Active transport
10. Photosynthesis
11. Respiration
12. Autotroph
13. Heterotroph
14. Adenosine Triphosphate
15. Aerobic respiration
16. Anaerobic respiration

**Unit 5 - DNA**

1. Adenine
2. Codon
3. Cytosine
4. Deoxyribose
5. Double Helix
6. Gene
7. Guanine
8. Hydrogen Bond
9. Messenger RNA
10. Protein Synthesis
11. Thymine
12. Transcription
13. Translation
14. Uracil