
Adapted Biology Syllabus

1. Unit One: **Chemistry of Life**
 - a. Chapter One: Biological Chemistry
 - i. Organic Molecules
 - ii. Enzymes
2. Unit Two: **Structure and Function of Cells**
 - a. Chapter Two: **The Cell**
 - i. Types of Cells
 - ii. The General Cell
 - b. Chapter Three: **Cellular Transport**
 - i. The Plasma Membrane
 - ii. Types of Cellular Transport
 - c. Chapter Four: **Cellular Reactions**
 - i. Photosynthesis
 - ii. Cellular Respiration
 - d. Chapter Five: **Cellular Reproduction**
 - i. Mitosis
 - ii. Meiosis
3. Unit Three: **Genetics**
 - a. Chapter Six: **Chemistry of Genetics**
 - i. DNA & DNA Replication
 - ii. Protein Synthesis
 - iii. Mutations
 - b. Chapter Seven: **Genetics**
 - i. Classic Genetics
 - ii. Modern Genetics
4. Unit Four: **Evolution & Classification**
 - a. Chapter Eight: **Evolution**
 - i. Theory of Evolution
 - ii. Applying Genetics to Evolution
 - b. Chapter Nine: **Classification**
 - i. System of Classification
 - ii. Domains and Kingdoms
5. Unit Five: **Ecology**
 - a. Chapter Ten: **Ecology**
 - i. Abiotic Factors & Biotic Factors
 - ii. Community Interactions