

Table of Contents

Author's Note	2
CHAPTER 1: Introduction	6
CHAPTER 2: Characteristics of Life	16
CHAPTER 3: The Chemistry of Life and Light Energy	30
CHAPTER 4: Cell membrane: Passive and Active Transport	42
CHAPTER 5: Cell Interior: Structure and Function	54
CHAPTER 6: DNA Structure and Function	66
CHAPTER 7: Cell Reproduction	80
CHAPTER 8: Heredity	90
CHAPTER 9: Evolution and Creation	106
CHAPTER 10: Scientific Classification I: Overview, Archaeobacteria, Eubacteria, and Viruses	122
CHAPTER 11: Scientific Classification II: Protista and Fungi	134
CHAPTER 12: Scientific Classification III: Plantae I	144
CHAPTER 13: Scientific Classification IV: Plantae II	162
CHAPTER 14: Scientific Classification V: Kingdom Animalia I	174
CHAPTER 15: Scientific Classification VI: Kingdom Animalia II	194
CHAPTER 16: Scientific Classification VII: Kingdom Animalia III	212
CHAPTER 17: Human Anatomy and Physiology: Control, Support, and Movement	230
CHAPTER 18: Nutrition, Circulation, Respiration, and Protection	254
CHAPTER 19: Earth Studies	274
INDEX	289