

**RIDGECROFT SCHOOL
ANATOMY AND PHYSIOLOGY II**

PACING GUIDE

TOPICS/CONCEPTS	TIME	CURRICULUM OBJECTIVES	RESOURCE: ESSENTIALS OF ANATOMY AND PHYSIOLOGY, Elaine Marieb (Prentice Hall)
FIRST GRADING PERIOD	30 Days		
REVIEW OF ANATOMY AND PHYSIOLOGY	30		TEXTBOOK: Chapter 1-12
SECOND GRADING PERIOD	30 Days		
REVIEW OF ANATOMY AND PHYSIOLOGY	30		TEXTBOOK: Chapter 1-12
THIRD GRADING PERIOD	30 Days		
THE RESPIRATORY SYSTEM	15		TEXTBOOK: Chapter 13
THE DIGESTIVE SYSTEM AND BODY METABOLISM	15		TEXTBOOK: Chapter 14
REVIEW AND ASSESSMENT	5		
FOURTH GRADING PERIOD	30 Days		
URINARY SYSTEM	15		TEXTBOOK: Chapter 15
THE REPRODUCTIVE SYSTEM	15		TEXTBOOK: Chapter 16
FIFTH GRADING PERIOD	30 Days		
THE REPRODUCTIVE SYSTEM	15		TEXTBOOK: Chapter 16
FORENSICS	15		
SIXTH GRADING PERIOD	30 Days		
FORENSICS	25		
REVIEW AND ASSESSMENT	5		

11/5/06

GOALS AND OBJECTIVES

COMPETENCY GOAL 1: THE LEARNER WILL DEVELOP AN UNDERSTANDING OF HUMAN BODY including (1) difference of anatomy and physiology, (2) levels of structural organization, and (3) human functions
COMPETENCY GOAL 2: THE LEARNER WILL DEVELOP AN UNDERSTANDING OF BASIC CHEMISTRY including (1) matter and energy, (2) molecules and compounds, (3) chemical bonds and chemical reactions.
COMPETENCY GOAL 3: THE LEARNER WILL DEVELOP AN UNDERSTANDING OF CELLS AND TISSUES including (1) the cellular basis of life, (2) cell and cell physiology, (3) body tissues
COMPETENCY GOAL 4: THE STUDENT WILL DEVELOP AN UNDERSTANDING SKIN AND BODY MEMBRANES including (1) the body membranes, (2) the integumentary (skin) system
COMPETENCY GOAL 5: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF THE SKELETAL SYSTEM including (1) the bones, (2) the axial skeleton, (3) the appendicular skeleton, (4) the joints
COMPETENCY GOAL 6: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF THE MUSCULAR SYSTEM including (1) muscle tissues, (2) skeletal muscle anatomy and activity, (3) muscle movement and types
COMPETENCY GOAL 7: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF THE NERVOUS SYSTEM including (1) organization, (2) structure and function, (3) central and peripheral
COMPETENCY GOAL 8: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF SPECIAL SENSES including (1) the eye and vision, (2) the ear and balance, (3) taste, (4) smell/

COMPETENCY GOAL 9: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF THE ENDOCRINE SYSTEM including (1) hormone function, (2) organs, (3) tissues
COMPETENCY GOAL 10: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF BLOOD including (1) the composition and functions, (2) hemostasis, (3) blood groups and transfusions, (4) blood groups and transfusions
COMPETENCY GOAL 11: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF THE CARDIOVASCULAR SYSTEM including (1) the heart, (2) the blood vessels
COMPETENCY GOAL 12: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF THE LYMPHATIC SYSTEM AND BODY DEFENSES including (1) the lymphatic system, (2) body defenses
COMPETENCY GOAL 13: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF RESPIRATORY SYSTEM including (1) functional anatomy, (2) respiratory physiology, (3) respiratory disorders
COMPETENCY GOAL 14: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF DIGESTIVE SYSTEM AND BODY METABOLISM including (1) anatomy, (2) functions, (3) nutrition, (4) metabolism
COMPETENCY GOAL 15: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF URINARY SYSTEM including (1) the kidneys, (2) ureters, urinary bladder, and urethra, (3) fluid, electrolyte, and acid-base balance
COMPETENCY GOAL 16: THE STUDENT WILL DEVELOP AN UNDERSTANDING OF REPRODUCTIVE SYSTEM including (1) anatomy of the male reproductive system, (2) male reproductive functions, (3) anatomy of the female reproductive system, (4) female reproductive functions and cycles, (5) mammary glands, (6) pregnancy and embryonic development