

Anatomy and Physiology Curriculum Map	
Unit	Content
Introduction (5 days)	<ul style="list-style-type: none"> • Flinn lab safety rules & quiz • Introduction to the Body Structural & organization • Life functions & needs • Feedback loops • Anatomy terminology
Chemistry (4 days)	<ul style="list-style-type: none"> • Chemistry overview • Enzymes • Organic molecules
Cells & Tissues (6 days)	<ul style="list-style-type: none"> • Cells Overview • Cells, • Cell division, Cancer • Membrane transport • Body Tissues
Integumentary System (7 days)	<ul style="list-style-type: none"> • Integument System • Structure & Function • Skin Color • Homeostatic Imbalance
Skeletal & Muscular Systems (10 days)	<ul style="list-style-type: none"> • Skeletal System • Structure & Function of bone • Axial Skeleton • Appendicular Skeleton • Muscular System • Structure & function • Muscle tissue anatomy • Muscle Contraction • Muscle identification
Nervous System & sense organs (10 days)	<ul style="list-style-type: none"> • Nervous System • Structure & function • CNS & PNS • Nerve impulse transmission • Reflex arcs Sympathetic & Parasympathetic divisions • Sense organs
Endocrine System (7 days)	<ul style="list-style-type: none"> • Endocrine • Structure & Function • Endocrine control

Blood & Circulatory System (10 days)	<ul style="list-style-type: none"> • Blood • Composition • Functions Hemostasis • Blood types • Circulatory System • Anatomy of the heart • Blood flow • Physiology of • Circulation
Lymphatic & Body Defenses (2 days)	<ul style="list-style-type: none"> • Lymphatic System & Body Defenses • Nonspecific body defenses • Specific body defenses • Lymphatic structure & function • Vaccines & antibiotics
Respiratory system (6 days)	<ul style="list-style-type: none"> • Respiration • Structure & Function • Respiratory physiology
Digestive system (6 days)	<ul style="list-style-type: none"> • Digestive System • Structure & function • Mechanical & chemical digestion, absorption
Urinary System (5 days)	<ul style="list-style-type: none"> • Urinary System • Structure & Function • Formation of urine
Reproductive Systems (3 days)	<ul style="list-style-type: none"> • Reproduction System • Structure & Function • Pregnancy & Fetal development
Rat dissection (3 days)	<ul style="list-style-type: none"> • Rat Dissection and/or Observation • Observing External Structures • Examining the Mouth (Oral Cavity) • Opening the Ventral Body Cavity • Examining the Ventral Body Cavity • Examining the Human Torso Model