

# Anatomy and Physiology

2017-2018

	Week	Major Concepts / Topics	Possible Resources
Quarter 1	1-2	SC.912.N.1.1. 1.2: Beginning practices/lab protocol/Nature and Practice of Science.	
	3-4	SC.912.L.16.8, HE.912.C.1.3, 1.5, 1.7: Mitosis/meiosis/mutations/health.	
	4-6	SC.912.L.18.1, 11: Macromolecule structure/function including enzymes.	
	7-8.5	SC.912.L.14.11: Tissues: epithelial, connective, muscle, nervous.	
	Week	Major Concepts / Topics	Possible Resources
Quarter 2	1-3.5	SC.912.L.14.51: Vertebrate integumentary system.	
	3.5-6	SC.912.L.14.12, 13, 14: Bones of axial/appendicular skeleton, anatomy and histology.	
	7-9	SC.912.L.14.16, 17, 18, 20: Structure and function of muscular system.	
	Week	Major Concepts / Topics	Possible Resources
Quarter 3	1-3	SC.912.L.14.21-14.49: Anatomy, histology, physiology of central and peripheral nervous systems.	
	4	SC.912.L.14.50: Sensory organ structure and function.	
	5-6	SC.912.L.14.29-32: Anatomy and physiology of endocrine system.	
	7-8	SC.912.L.14.34/35: Blood physiology and composition.	
	9	SC.912.L.14.36-39: The heart and blood vessels.	
	Week	Major Concepts / Topics	Possible Resources
Quarter 4	1	SC.912.L.14.42/52: Lymph system, immune system.	
	2	SC.912.L.14.44: Respiratory System	
	3-4.5	SC.912.L.14.46: Digestive System	

All standards are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course is best answered by the individual teacher.

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	4.5-6	SC.912.L.14.47: Urinary System
	7-9	SC.912.L.14.33/41: Reproductive System

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