

Living Environment Pacing

Scope and Sequence Unit	Content Topics	Time Frame/ Holt The Living Environment Correlation
Scientific Inquiry	Scientific explanations, interpretation of data, statistical analysis techniques, inquiry, making observations, hypotheses, questioning claims, etc.	9/9-9/30 Unit 1 Chapter 1, 2, 3
Ecology	Competition, interdependence, relationships between organisms, biodiversity, categorizing populations, factors that shape ecosystems, energy flow, carrying capacity	10/1-11/10 Unit 2 Chapters 4, 5, 6
Organization and Patterns in Life	Levels of organization, cell structures, chemical reactions in cells, biochemical processes, ATP	11/12-12/23 Unit 3 Chapters 7, 8, 9,10
Homeostasis and Immunity	Maintaining a balanced internal environment, body systems and interactions between systems, dynamic equilibrium, functioning of the immune system, vaccinations, factors impacting the immune system	1/4-2/12 Unit 6 Chapters 20, 21, 22
Reproduction and Development	Meiosis, asexual/sexual reproduction, factors influencing human reproduction and development, structures and functions of reproductive organs, embryonic development	2/22-3/24 Unit 6 Chapter 23, 11
Genetics and Biotechnology	Gene expression, heredity, traits, DNA, applications of knowledge of genetics (i.e. health care), mutations	3/28-5/13 Unit 4 Chapters 12, 13, 14, 15
Evolution	Basic theory of evolution, natural selection, variation, extinction	5/16-6/3 Unit 5 Chapters 16, 17, 18, 19
Regents Review		6/6-6/15