



Environmental (Course # 2001340 Hons #20001341)



Quarter	Big Idea	Benchmark Description		Suggested Pacing Days*
First Quarter (39 days)	Forms of Energy	1	SC.912.P.10.1 , SC.912.P.10.2 , SC.912.N.1.2 , SC.912.N.2.1 , SC.912.N.2.2 The Law of Conservation of Energy in various systems, including the differentiation and transformation of various forms of energy.	5
	Interdependence	2	SC.912.L.17.10 , SC.912.L.17.9 , SC.912.N.3.5 Biogeochemical cycles including the water, carbon, and nitrogen cycles. The flow of energy within a food web and the reduction of energy in trophic levels.	11
		3	SC.912.L.17.6 , SC.912.N.2.4 Compare and contrast ecological relationships among organisms.	8
		4	SC.912.L.17.1 , SC.912.L.17.5 , SC.912.N.1.6 , SC.912.N.1.1 The characteristics of populations, such as age structure and density, and analyze how population size is determined by factors such as births, deaths, and carrying capacity.	11
Second Quarter (36 days)	Diversity and Evolution of Living Things	5	SC.912.L.15.3 , SC.912.L.15.13 , SC.912.N.3.1 Describe the conditions of natural selection, and how biodiversity is changed through new species or extinction.	10
	Interdependence	6	SC.912.L.17.4 , SC.912.L.17.7 Biotic and abiotic factors of environmental systems and how they change. Including changes in ecosystems resulting from seasonal variations, climate change and succession.	8
		7	SC.912.L.17.8 The consequences of the loss of biodiversity due to catastrophic events, climate change, human activity, and introduced species.	7
	Earth Systems and Patterns	8	SC.912.E.7.7 Earth systems and the astronomical conditions contribute to global climate change.	5
		9	SC.912.E.7.9 , SC.912.N.1.5 The significant influence of the ocean on climate change	8
Third Quarter (34 days)	Interdependence	10	SC.912.L.17.19 , SC.912.L.17.11 How different natural resources are produced, used, and the cost and benefit of renewable and nonrenewable resources.	7
		11	SC.912.L.17.18 , SC.912.L.17.12 , SC.912.L.17.20 Factors such as the population size, lifestyle, political climate, and use of land affect resource sustainability.	13
		12	SC.912.L.17.13 , SC.912.N.4.1 The need for monitoring environmental parameters when making policy decisions.	6
	Organization and Development Living Organisms	13	SC.912.L.14.6 , SC.912.L.17.14 , SC.912.L.17.16 , SC.912.N.1.3 The environmental impacts from human activities and their significance.	10
Fourth Quarter (27 days)**	Earth Systems and Patterns	14	SC.912.E.7.8 How environmental conditions in Florida can influence human behavior.	8
	Technology & Environment	15	SC.912.L.16.10 , SC.912.L.17.15 , SC.912.N.1.4 The impact of technology, and its effects on environmental quality.	10
	Earth's Structures	16	SC.912.E.6.6 Environmental consequences of various energy production technologies.	9
Instructional Review				

*The days provided for each unit/topic is an estimate that may be adjusted by subject-level PLCs based on student achievement data. The recommended days shown are less than the actual days for each quarter to allow for additional time for routines, testing, absences, remediation and outside considerations.

** This does not include the days in May or June due to testing schedules and end of year events.