

	<b>Week</b>	<b>Major Concepts / Topics</b>
Quarter 1	1-2	Beginning Science skills including Lab safety, lab equipment, lab practice.
	3-5	SC.912.L.17.10, SC.912.L.18.12: Water Cycle, properties of Water. SC.912.P.10.1/ P.10.2: Energy Transformation & Conservation of Energy.
	6-8	SC.912.L.17.7: Biotic & abiotic components of freshwater, marine and terrestrial systems.
	9	SC.912.L.17.10: Carbon and Nitrogen Cycles.
	<b>Week</b>	<b>Major Concepts / Topics</b>
Quarter 2	1-2	SC.912.L.17.9/SC.912.P.10.1/N.3.5: Food webs and energy transformations through use of models.
	3-6	SC.L.17.1/5/6: General characteristics of populations including factors that determine/impact them, relationships among the organisms.
	7-9	SC.912.L.15.13, L.15.3: Conditions required for natural selection, biological diversity is impacted by extinction and new species.
	<b>Week</b>	<b>Major Concepts / Topics</b>
Quarter 3	1-2	SC.912.L.17.1, L.17.5, L.14.6: Human Populations and Public Health
	3-6	SC.912.E.7.8, E.7.9, L.17.4: Earth's Dynamic Changes
	7-9	SC.912.L.17.19, 18, L.17.11, L.17.15, L.17.16, L.17.14, E.6.6: Renewable and Non Renewable Resources , Environmental Impact resulting from human activity.
	<b>Week</b>	<b>Major Concepts / Topics</b>
Quarter 4	1-3	SC.912.E.7.7, E.7.9, L.17.8,N.1.5, N.4.1: Climate Change
	4-6	SC.912.L.1.7.4, 17.8: Ecosystem changes, loss of Biodiversity.
	7-9	SC.912.L.17.20: Impact of individuals on environmental systems

This is a year-long 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.