	Science: Honors Biology		
UNIT/Weeks	Timeline/Topics	Essential Questions	
13	 Unit I: Cell Specialization and Homeostasis Biology in the 21st Century Chemistry of Life Cell Structure Photosynthesis and Cellular Respiration Cell Growth and Division Viruses and Prokaryotes Immune System and Disease 	How do the structures of organisms enable life's functions?	
	Unit II: DNA and Inheritance		
10	 Meiosis and Mendel Extending Mendelian Genetics From DNA to Proteins Frontiers of Biotechnology 	How are characteristics from one generation related to the previous generation?	
1	Unit 3: Evolution	What evidence shows that different	
3	Principles of Evolution	species are related?	
2	 Unit IV: Natural Selection The Evolution of Populations The History of Life 	How can there be so many similarities among organisms yet so many different plants, animals, and microorganisms?	
	Unit V: Matter and Energy Transformations in	1	
2	Principles of Ecology	How do matter and energy cycle through ecosystems?	
	Unit VI: Interdependent Relationships		
2	Interactions in Ecosystems	How do organisms interact with the living and nonliving environments to obtain matter and energy?	
2	Unit VII: Human Activity and Biodiversity The Biosphere	Would we treat our resources and life support system, if we were on a rocket headed for Mars, as we do in our community right now?	

Unit VIII: Human Activity and Clim Human Impact on Ecosystem	interact with their
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