









LIVING ENVIRONMENT COURSE OVERVIEW - 2018-19

Living Environment is designed as a one-year course. The nine units are tied together through a set of enduring topics* that spiral in the course. The sequence of units below is designed to introduce the new three-dimensional learning standards, while still preparing students for the LE Regents Exam. More information: <http://bit.ly/NV-Sci-Shifts>

<p>● STRUCTURE AND FUNCTION: How do the structures of organisms enable life's functions? (HS.LS.1)</p> <p>● MATTER AND ENERGY IN ORGANISMS AND ECOSYSTEMS: How do organisms obtain and use energy they need to live and grow? How do matter and energy move through ecosystems? (HS.LS.2)</p>	<p>● INTERDEPENDENT RELATIONSHIPS IN ECOSYSTEMS: How do organisms interact with the living and non-living environment to obtain matter and energy? (HS.LS.3)</p> <p>● INHERITANCE AND VARIATION OF TRAITS: How are the characteristics from one generation related to the previous generation? (HS.LS.4)</p>	<p>● NATURAL SELECTION AND EVOLUTION:: How can there be so many similarities among organisms yet so many different plants, animals, and microorganisms? How does biodiversity affect humans? (HS.LS.5)</p>
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*See the High School Life Science storylines in NGSS for more information.

<p>UNIT 1: Characteristics of Life</p> 	<p>UNIT 2: Nutrients, Energy, & Biochemical Processes</p> 	<p>UNIT 3: Homeostasis in Human Body Systems</p> 	<p>UNIT 4: Disease & Disruption of Homeostasis</p> 	<p>UNIT 5: Comparative Reproduction</p> 	<p>UNIT 6: Genetics, Biotech, & Decision Making</p> 	<p>UNIT 7: Ecosystems and Invasive Species</p> 	<p>UNIT 8: Climate Change and Human Impact</p> 
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