



# EcoHealth Vector Education



Promoting simple, healthy living to reduce mosquito-borne diseases in our cities through FREE California NGSS-aligned student science programs.

## Spring: Classroom Programs

Grades	Disciplinary Core Ideas	Cross Cutting Concepts
K	CA NGSS K-LS1-1. LS1.C: Organization for Matter and Energy Flow in Organisms	Patterns
1	CA NGSS 1-LS1-1. LS1.A: Structure and Function	Structure and Function
2	CA NGSS 2-LS4-1. LS4.D: Biodiversity and Humans	Cause and Effect
3	CA NGSS 3-LS3-1. LS3.A.: Inheritance of Traits and LS3.B. Variation of Traits	Patterns
4	CA NGSS 4-LS1-1. LS1.A: Structure and Function	Structure and Function
5	CA NGSS 5-ESS2-2. ESS2.C: The Roles of Water in Earth's Surface Processes	Cause and Effect
6	CA NGSS MS-ESS3-3. ESS3.C.: Human Impacts on Earth Systems	Cause and Effect

## Fall: Community Science

Grades	Disciplinary Core Ideas	Cross Cutting Concepts	Science & Engineering Practices
Elementary School	<ul style="list-style-type: none"> <li>Organization for Matter and Energy Flow in Organisms</li> <li>Structure and Function</li> <li>Biodiversity and Humans</li> <li>Growth and Development of Organisms</li> <li>Interdependent relationships in ecosystems</li> <li>Human Impacts on Earth Systems</li> </ul>	<ul style="list-style-type: none"> <li>Cause &amp; Effect</li> <li>Patterns</li> </ul>	<ul style="list-style-type: none"> <li>Planning and Carrying Out Investigations</li> <li>Obtaining, Evaluating, and Communicating Information</li> </ul>
Middle School	<ul style="list-style-type: none"> <li>CA NGSS MS-ESS3-3. ESS3.C.: Human Impacts on Earth Systems</li> <li>CA NGSS MS-LS1.B: Growth and Development of Organisms</li> <li>CA NGSS MS-LS1: From Molecules to Organisms: Structures and Processes</li> </ul>	<ul style="list-style-type: none"> <li>Cause &amp; Effect</li> <li>Patterns</li> </ul>	<ul style="list-style-type: none"> <li>Planning and Carrying Out Investigations</li> <li>Obtaining, Evaluating, and Communicating Information</li> <li>Constructing Explanations and Designing Solutions</li> </ul>

\*Science and Engineering Practices (SEP) are dependent on time allotted

