Life Science:

Students develop an understanding of the flow of energy in a system beginning with the Sun to and among organisms. They also understand that plants and animals (including humans) have specialized internal and external structures and can respond to stimuli to increase survival.

Core Ideas:

- L1: Organisms are organized on a cellular basis and have a finite life span.
- L2: Organisms require a supply of energy and materials for which they often depend on, or compete with, other organisms.
- L3: Genetic information is passed down from one generation of organisms to another.
- L4: The unity and diversity of organisms, living and extinct, is the result of evolution.

Standards:

3.L1U1.5 - *Develop and use models to explain that plants and animals (including humans) have internal and external structures that serve various functions that aid in growth, survival, behavior, and reproduction.*

3.L2U1.6 - *Plan and carry out investigations to demonstrate ways plants and animals react to stimuli.*

3.L2U1.7 - *Develop and use system models to describe the flow of energy from the Sun to and among living organisms.*

3.L2U1.8 - *Construct and argument from evidence that organisms are interdependent.*

Social Studies

The content areas of civics, economics, geography, history, and disciplinary skills and processes.

Standards:

3.SP4.1 - *Explain probable causes and effects of events.*