

LINCOLN PUBLIC SCHOOLS
Science Learning Expectations: Grade 2

LIFE SCIENCE:

*Characteristics of Living Things
Living Things & Their Environment*

Massachusetts Standard(s):

-Recognize that animals (including humans) and plants are living things that grow, reproduce, and need food, air, and water.

Big Ideas:

- All living things go through life processes that involve growing, living, and dying.

Key Outcomes:

- Students will understand that all living things go through life processes that involve growing, living, and dying *by* illustrating and explaining the stages of a butterfly's life cycle.

Essential Knowledge and Skills:

Students will know...

- How to use scientific inquiry* to access, explore and explain their understanding of core knowledge
- The changes animals go through during individual life cycles
- Predict the outcome of the butterfly larva
- Recognize the changes in the environment that will affect the life cycle of the butterfly.
- Describe an animal's body covering and the usefulness based on the type of habitat of the animal
- Identify the needs of the larva throughout the life cycle
- Describe the basic needs of the butterfly larva

*Scientific Inquiry Standards are embedded in each unit of study