

MAINE WOODS WALK

Next Generation Science Standards

Standard: 3-LS3 Heredity: Inheritance and Variation of Traits

- 3-LS3-2. Use evidence to support the explanation that traits can be influenced by the environment.

Standard: 3-LS4 Biological Evolution: Unity and Diversity

- 3-LS4-3. Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.
- 3-LS4-4. Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.

Standard: 4-LS1 From Molecules to Organisms: Structures and Processes

- 4-LS1-1. Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.

Standard: 5-LS1 From Molecules to Organisms: Structures and Processes

- 5-LS1-1. Support an argument that plants get the materials they need for growth chiefly from air and water.

Standard: MS-LS1 From Molecules to Organisms: Structures and Processes

- MS-LS1-5. Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.

Standard: MS-LS2 Ecosystems: Interactions, Energy, and Dynamics

- MS-LS2-4. Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.

Standard: HS-LS4 Biological Evolution: Unity and Diversity

- HS-LS4-5. Evaluate the evidence supporting claims that changes in environmental conditions may result in: (1) increases in the number of individuals of some species, (2) the emergence of new species over time, and (3) the extinction of other species.