

Pond and Beyond (Grades 2–6) Education Standards

Grades 2

- **2-LS4-1** — *Make observations of plants and animals to compare the diversity of life in different habitats.*

Grades 3–5

- **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 change.*
- **4-LS1-1** — *Construct an argument that animals have internal and external structures that function to support survival, growth, behavior, and reproduction.*
- **5-LS2-1** — *Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.*
- **5-ESS3-1** — *Obtain and combine information about ways individual communities use science ideas to protect the Earth’s resources and environment.*

Grades 6

- **MS-LS2-1** — *Analyze and interpret data to provide evidence for the effects of resource availability on organisms and populations in an ecosystem.*
- **MS-LS2-2** — *Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.*
- **MS-LS2-4** — *Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.*