

Live Hawk Talk: A Close Encounter with a Raptor (K-12) Education Standards

Hawk Talks are customized by grade level to support the following Next Generation Science Standards:

Grades K–2

- **K-LS1-1:** *Use observations to describe patterns of what plants and animals (including humans) need to survive.*
- **2-LS4-1:** *Make observations of plants and animals to compare the diversity of life in different habitats.*

Grades 3–5

- **3-LS3-2:** *Use evidence to support the explanation that traits can be influenced by the environment.*
- **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.*
- **4-LS1-1:** *Construct an argument that animals have internal and external structures that function to support survival, growth, behavior, and reproduction.*

Middle School (Grades 6–8)

- **MS-LS1-4:** *Use argument based on empirical evidence and scientific reasoning to support an explanation for how characteristic animal behaviors and specialized plant structures affect the probability of successful reproduction.*
- **MS-LS2-2:** *Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.*
- **MS-LS4-4:** *Construct an explanation based on evidence that describes how genetic variations of traits in a population increase some individuals' probability of surviving and reproducing in a specific environment.*

High School (Grades 9–12)

- **HS-LS2-6:** *Evaluate claims, evidence, and reasoning that the complex interactions in ecosystems maintain relatively consistent numbers and types of organisms.*

- **HS-LS4-5:** *Evaluate evidence supporting claims that changes in environmental conditions may result in increases in some species, the emergence of new species, and the extinction of others.*