



Raptors Inspire: Grades 6-8

Sixth Grade:

North Carolina Science Standards - Sixth Grade

- This program helps students understand the flow of energy through an ecosystem by examining how energy is transferred within food chains and food webs that include raptor species. It also summarizes how abiotic and biotic factors affect the ability of raptors to grow and survive. (LS.6.2)

South Carolina College- and Career-Ready Science Standards – Sixth Grade

- Loosely connects.

Seventh Grade:

North Carolina Science Standards - Seventh Grade

- Loosely connects.

South Carolina College- and Career-Ready Science Standards – Seventh Grade

- This program helps students understand interactions among organisms across multiple ecosystems by comparing different species of raptors from different ecosystems with varying biotic and abiotic factors. (7-LS2-1)
- This program helps students understand the flow of energy among living parts of an ecosystem by examining how energy is transferred within food chains and food webs that include raptor species. (7-LS2-3)
- This program helps students examine the impacts humans have on raptors and their environments and evaluate potential solutions. (7-ESS3-3)

Eighth Grade:

North Carolina Science Standards - Eighth Grade

- This program helps students understand how organisms interact with and respond to abiotic and biotic factors in their environment through discussions about the flow of energy within food webs in respect to raptors. It also examines competition and the predator/prey interaction between raptors and their food. (LS.8.2)
- This program helps students understand the evolution of organisms by discussing adaptations and/or other genetic factors that have impacted raptor species and populations. (LS.8.3)
- This program enables students to explain the environmental implications associated with various methods of obtaining, managing, and using energy resources by talking about how energy resources impact birds. (ESS.8.4)

South Carolina College- and Career-Ready Science Standards – Eighth Grade

- This program presents students with examples of behaviors in raptors that affect the probability of successful reproduction in animals, such as nest building, vocalization and plumage coloration. (8-LS1-4)



- This program provides students with examples of how genetic variations of traits in a population increase some individuals' probability of surviving and reproducing in a specific environment by discussing natural selection and traits that provide advantages for certain raptor species. (8-LS4-4)