



All About Raptors: Grades K-5

Kindergarten:

North Carolina Science Standards – Kindergarten

- This program helps students understand characteristics of living organisms by looking at the growth, movement and basic needs of raptors. (LS.K.1)
- This program helps students understand characteristics of organisms that make them alike and different by comparing two different types of raptors, looking at similarities and differences. (LS.K.2)

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

- This program enables students to use observations to determine patterns of what animals need to survive by discussing the basic needs of raptors, such as food and water. (K-LS1-1)

First Grade:

North Carolina Science Standards – First Grade

- This program helps students summarize the needs of living organisms for energy and growth by comparing different species of raptors and discussing their basic survival needs. (LS.1.1)

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

- This program enables students to determine patterns in parent and offspring behavior that help offspring survive by discussing how raptor offspring engage in survival behaviors. (1-LS1-2)
- This program helps students learn that most young are like, but not exactly like, their parents by discussing how raptor offspring are similar and different from their parents. (1-LS3-1)

Second Grade:

North Carolina Science Standards – Second Grade

- This program helps students understand animal life cycles by discussing the life cycle of birds as well as the life cycle of some of their prey items. (LS.2.1)
- This program helps students remember that organisms are both similar to and different from their parents based on the characteristics of the organism by discussing the variations in appearance and coloration within some bird species depending on the age of the bird. (LS.2.2)

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

- This program helps students make observations of different types of raptors to compare patterns of diversity within different habitats. (2-LS4-1)

Third Grade:

North Carolina Science Standards – Third Grade

- Loosely connects.

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

- This program helps students understand animal life cycles and how organisms change in predictable patterns by discussing the life cycle of birds as well as the life cycle of some of their prey items. (3-LS1-1)
- This program helps students learn about and discuss solutions to problems caused when the environment changes and how that impacts the raptors that live there. (3-LS4-4)

Fourth Grade:

North Carolina Science Standards – Fourth Grade

- This program enables students to understand the beneficial and harmful effects of environmental changes on raptors. It also explains how raptors meet their survival needs through structural and behavioral adaptations that can provide individuals with an advantage in surviving and reproducing in changing habitats. (LS.4.1)
- This program further discusses changes caused by human impact on the environment and how humans can change their behaviors to live in changing environments as well as find solutions to environmental problems that impact raptors. (ESS.4.3)

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

- This program helps students understand how the structural characteristics of raptors allow them to survive, grow, and reproduce, including discussing raptor behaviors that are instinctual/inherited and behaviors that are learned from interactions with the environment. (4-LS1-1)

Fifth Grade:

North Carolina Science Standards - Fifth Grade

- This program helps students understand the interdependence of animals within their ecosystems by presenting raptors as top predators/consumers and discussing what happens when parts of the food chain are altered. (LS.5.2)
- This program helps students understand that some characteristics of an organism are inherited while other characteristics are acquired by discussing raptor behaviors that are instinctual/inherited and behaviors that are acquired/learned. (LS.5.3)

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

- This program helps students talk about potential solutions to problems that humans face in protecting the Earth's resources and environment in regard to raptors and local habitats. (5-ESS3-1)