



## Raptors Inspire: Grades 1-5

### 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 - air, food, water, shelter, and space. (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 how raptor offspring are similar to 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 and 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 by discussing the variations in appearance and coloration within some bird species depending on the age and/or sex of the bird. (LS.2.2)

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

- This program helps students make observations about the different types of raptors and compares patterns of diversity within different habitats. (2-LS4-1)
- This program helps students discuss human impacts on natural resources that impact raptors in the local environment and determine solutions. (2-ESS3-1)

### 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 and 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 impacts on the environment and how humans can change their behaviors and 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. This includes 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 humans face in protecting Earth's resources and environment regarding raptors and local habitats. (5-ESS3-1)