

Correlation of Resources to National Science Standards

Use the chart below to discover how selected Science A–Z resources in the Animals unit support certain Next Generation Science Standards* (NGSS). While a single reading resource, science activity, comprehension support, or lesson cannot satisfy an entire Performance Expectation, using these resources together can help students develop the understandings and abilities they will need in order to satisfy each standard listed below. Most standards cited align with the grade level of this Science A–Z unit. For a reverse correlation tool that connects the standards to resources, visit our NGSS correlations page: www.sciencea-z.com/main/NextGenerationScienceStandards.



Check the Performance Expectations Key below this chart for the complete text of the standards cited for each resource.

Resource Type	Resource Title	Performance Expectations
Unit Nonfiction Book	<i>Animals, Animals</i> (3 reading levels)	K-LS1-1; K-ESS3-1; 1-LS1-1; 2-LS4-1
Project-Based Learning Pack	<i>Animal Protection</i>	K-LS1-1; K-ESS3-1; 1-LS1-1; K-2-ETS1-1; K-2-ETS1-2
Process Activity	<i>Animal Trading Cards</i>	K-LS1-1; K-ESS3-1; 1-LS1-1; 2-LS4-1
Process Activity	<i>Animals Around You</i>	K-LS1-1; K-ESS3-1; 2-LS4-1
Process Activity	<i>Pet or Not</i>	K-LS1-1; K-ESS3-1
Process Activity	<i>Pill Bugs</i>	K-ESS3-1; 1-LS1-1
FOCUS Book	<i>Animals of the Air</i>	K-LS1-1; 1-LS1-1; 2-LS4-1; K-2-ETS1-2; K-2-ETS1-3
FOCUS Book	<i>Animals in the Ground</i>	K-LS1-1; K-ESS2-2; K-ESS3-1; 2-LS4-1
FOCUS Book	<i>Animals of the Ice and Snow</i>	K-LS1-1; 1-LS1-1; 1-LS1-2; 2-LS4-1
FOCUS Book	<i>Animals of the Rivers</i>	K-LS1-1; K-ESS2-2; 1-LS1-1; 2-LS4-1; K-2-ETS1-2
FOCUS Book	<i>Animals of the Deep Ocean</i>	K-LS1-1; 1-LS1-1; 2-LS4-1
Investigation Pack	Topic: What Animals Need I. Files: <i>Leafcutter Ant; Big-Belly Seahorse; Giraffe; Rockhopper Penguin; Spectacled Caiman; Mexican Axolotl</i> Mystery File: <i>Bird's Nest Coral</i>	K-LS1-1; K-ESS3-1; 2-LS4-1
Debate	<i>A Classroom Pet</i>	K-LS1-1; 3-LS4-3
Science Video	<i>A Day in the Life of a Sea Otter</i>	K-LS1-1; K-ESS3-1; 3-LS4-3

Continued on next page

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Resource Type	Resource Title	Performance Expectations
Science Video	<i>Adventures of the Atlantic Spotted Dolphin</i>	K-ESS3-1; 1-LS1-1; 1-LS1-2; 2-LS4-1; 3-LS2-1
Science Video	<i>Monkeys Can Share, Too</i>	K-LS1-1; 3-LS4-2
Science Video	<i>The Harbor Seal in Seaside Homebody</i>	K-LS1-1; K-ESS3-1
Science Video	<i>The Killer Whale in Three of a Kind</i>	K-ESS2-2; 1-LS1-1; 3-LS2-1
Science Video	<i>The Manatee in Destination: Warm Waters</i>	K-LS1-1; K-ESS3-1
Science Video	<i>Wandering Seals</i>	K-ESS3-1; 2-LS4-1; 3-LS2-1
Science Video	<i>Weird Animals: Blackspotted Puffer Fish</i>	K-ESS3-1; 1-LS1-1; 2-LS4-1
Science Video	<i>Weird Animals: Giant Moray Eel</i>	K-ESS3-1; 1-LS1-1; 2-LS4-1
Science Video	<i>Weird Animals: Manta Ray</i>	K-ESS3-1; 1-LS1-1; 2-LS4-1
Science Video	<i>Weird Animals: Painted Flutemouth Fish</i>	K-ESS3-1; 1-LS1-1; 2-LS4-1
Science Video	<i>Weird Animals: Sea Cucumber</i>	K-ESS3-1; 1-LS1-1; 2-LS4-1
Drama Activity	<i>Animal Movement</i>	K-ESS3-1; 1-LS1-1
Career Files	<i>Veterinarian; Wildlife Photographer; Zookeeper</i>	K-LS1-1
Quick Read	<i>Catch Dinner</i> (3 reading levels)	1-LS1-1
Quick Read	<i>Grab Food</i> (3 reading levels)	1-LS1-1
Quick Read	<i>Hop or Crawl</i> (3 reading levels)	1-LS1-1
Quick Read	<i>Rainforest Home</i> (3 reading levels)	K-ESS3-1; 1-LS1-1; 2-LS4-1
Quick Read	<i>Shells and Skin</i> (3 reading levels)	1-LS1-1
Concept Books	<i>Birds; Fish and Shellfish; Insects; Mammals; Reptiles and Amphibians</i>	K-LS1-1; K-ESS3-1
Science Diagram	<i>Insect Body Parts</i>	1-LS1-1
Science Diagram	<i>Life Cycle of a Butterfly</i>	3-LS1-1
Science Diagram	<i>Life Cycle of a Frog</i>	3-LS1-1

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Performance Expectations Key

- K-LS1-1.** Use observations to describe patterns of what plants and animals (including humans) need to survive.
- K-ESS2-2.** Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.
- K-ESS3-1.** Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.
- 1-LS1-1.** Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.
- 1-LS1-2.** Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.
- 2-LS4-1.** Make observations of plants and animals to compare the diversity of life in different habitats.
- K-2-ETS1-1.** Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.
- K-2-ETS1-2.** Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.
- K-2-ETS1-3.** Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.
- 3-LS1-1.** Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death.
- 3-LS2-1.** Construct an argument that some animals form groups that help members survive.
- 3-LS4-2.** Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing.
- 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.