



# Audubon Society of Rhode Island Education Program Links to NGSS

## At Your School (1 Hour Programs)

PROGRAM	GRADES	NGSS DISCIPLINARY CORE IDEAS	NGSS CROSCUTTING CONCEPTS	PROGRAM FOCUS
<b>Sensory Safari</b>	K-2	LS1.A, LS1.C, LS1.D, LS4.D	Patterns, Structure & Function	Senses and physical structures that help animals survive
<b>Animal Adaptations</b>	K-2	LS1.A, LS1.B, LS1.C, LS4.D	Patterns, Structure & Function, Cause & Effect	Physical structures and behaviors that help animals survive, seasonal changes, hibernation, migration, raising young
<b>Amazing Arthropods 1 &amp; 2</b>	K-2, 3-8	LS1.A, LS1.C, LS1.D, LS3.A, LS3.B, LS4.B, LS4.C, LS4.D	Patterns, Structure & Function, Scientific Knowledge Assumes an Order & Consistency in Natural Systems	Classification, invertebrates, insects, physical structures that help animals survive, biodiversity
<b>Verts 1 &amp; 2</b>	K-2, 3-6	<b>Verts 1:</b> LS1.A, LS1.B, LS1.D, LS3.A, LS4.D <b>Verts 2:</b> LS1.A, LS1.B, LS2.D, LS3.A, LS3.B, LS4.B, LS4.C, LS4.D	Patterns, Structure & Function, Scientific Knowledge Assumes an Order & Consistency in Natural Systems	Classification, vertebrates, physical structures that help animals survive, biodiversity, growth and change
<b>All About Birds 1 &amp; 2</b>	1-2, 3-6	LS1.A, LS1.B, LS1.C, LS1.D, LS2.A, LS2.C, LS2.D, LS4.B, LS4.C, LS4.D	Patterns, Structure & Function, Cause & Effect	Classification, physical structures and behaviors that help birds survive, life cycles, migration, biodiversity
<b>Owls of RI 1 &amp; 2</b>	1-2, 3-8	LS1.A, LS1.C, LS1.D, LS2.A, LS4.B, LS4.C, LS4.D	Patterns, Structure & Function, Scientific Knowledge Assumes an Order & Consistency in Natural Systems	Classification, senses, physical structures and behaviors that help owls survive, habitats, predator/prey
<b>Birds of Prey</b>	3-8	LS1.A, LS1.B, LS1.C, LS1.D, LS2.A, LS2.B, LS2.C, LS3.A, LS3.B, LS4.B, LS4.C, LS4.D	Patterns, Structure & Function, Energy & Matter, Scientific Knowledge Assumes an Order & Consistency in Natural Systems, Cause & Effect, Science Addresses Questions About the Natural World	Classification, physical structures and behaviors that help birds survive, predator/prey, food webs, habitats

PROGRAM	GRADES	NGSS DISCIPLINARY CORE IDEAS	NGSS CROSCUTTING CONCEPTS	PROGRAM FOCUS
<b>Life Cycles</b>	2-5	LS1.A, LS1.B, LS3.A, LS3.B, LS4.D	Systems & Systems Models, Patterns, Structure & Function	Classification, growth and change, life cycles, physical structures that help animals survive
<b>Everything's Connected</b>	K-4	LS1.A, LS1.B, LS1.C, LS1.D, LS2.A, LS2.B	Patterns, Structure & Function, Systems & System Models	Food chains, food webs, physical structures that help animals survive, predator/prey, trophic levels
<b>Endangered Species</b>	2-6	LS2.A, LS2.C, LS4.D, ESS3.A	Interdependent Relationships in Ecosystems, Ecosystem Dynamics, Functioning and Resilience, Biodiversity and Humans, Natural Resources, Stability and Change	Habitats, human impacts on wildlife, environmental issues
<b>Inflatable Whale 1 &amp; 2</b>	K-1, 2-8	LS1.A, LS1.B, LS1.C, LS2.D, LS4.C	Patterns, Structure & Function	Mammals, whale biology and anatomy, physical structures and behaviors that help whales survive
<b>Raptor Encounter</b>	K-Adult	LS1.A, LS1.B, LS1.C, LS1.D, LS2.A, LS2.B, LS2.C, LS3.A, LS3.B, LS4.B, LS4.C, LS4.D	Patterns, Structure & Function, Scientific Knowledge Assumes an Order & Consistency in Natural Systems, Cause & Effect, Science Addresses Questions About the Natural World	Classification, physical structures and behaviors that help birds survive, behaviors, predator/prey interactions, habitats

### Indoor at EEC (1 Hour Programs)

<b>Owls Hour</b>	K-2	LS1.A, LS1.B, LS1.C, LS1.D	Patterns, Structure & Function	Senses, physical structures and behaviors that help owls survive, predator/prey
<b>Life in the Tidepool</b>	K-2	LS1.A, LS1.B, LS1.C, LS1.D	Patterns, Structure & Function	Tide pool habitat, physical structures and behaviors that help marine animals survive
<b>Whales</b>	K-2, 3-5	LS1.A, LS1.B, LS1.C, LS2.D, LS4.C	Patterns, Structure & Function, Cause & Effect	Classification, mammals, physical structures and behaviors that help whales survive, endangered species

## Indoor at EEC (2 Hour Programs)

PROGRAM	GRADES	NGSS DISCIPLINARY CORE IDEAS	NGSS CROSCUTTING CONCEPTS	PROGRAM FOCUS
<b>Habitats</b>	K-8	LS1.A, LS1.B, LS1.C, LS2.A, LS4.D	Patterns, Structure & Function, Scientific Knowledge Assumes an Order & Consistency in Natural Systems	Rhode Island habitats, basic needs, physical structures that help plants and animals survive, food chains, food webs
<b>Fur, Feathers, and Scales</b>	K-2	LS1.A, LS1.B, LS1.C, LS1.D, LS3.A, LS4.D	Patterns, Structure & Function	Physical structures that help animals survive, classification, biodiversity
<b>Animal Senses</b>	K-3	LS1.A, LS1.C, LS1.D, LS4.C, LS4.D	Patterns, Structure & Function	Senses, physical structures and behaviors that help nocturnal animals survive
<b>Owls of RI</b>	3-8	LS1.A, LS1.C, LS1.D, LS2.A, LS4.B, LS4.C, LS4.D	Patterns, Structure & Function, Scientific Knowledge Assumes an Order & Consistency in Natural Systems	Senses, physical structures and behaviors that help owls survive, predator/prey, habitat, food web
<b>Whale CSI</b>	6-12	LS1.B, LS2.A, LS2.D, LS4.C, LS4.D	Patterns, Cause & Effect, Structure & Function	Classification, mammals, whale biology and anatomy

## Outdoor Field Explorations (1 Hour Programs)

<b>Discovery Walk</b>	PreK-2	LS1.A, LS1.C, LS1.D, LS3.B, LS4.D, ESS3.A, ETS1.A, PS3.B	Patterns, Cause & Effect, Systems and System Models, Structure & Function	Senses, plants and animals, seasons
<b>Nature Tales &amp; Trails</b>	PreK-2	Focus changes based on story		

## Outdoor Field Explorations (2 Hour Programs)

PROGRAM	GRADES	NGSS DISCIPLINARY CORE IDEAS	NGSS CROSCUTTING CONCEPTS	PROGRAM FOCUS
<b>Nature Detectives</b>	1-5	LS1.A, LS1.B, LS1.D, LS2.A, LS3.A, LS3.B, LS4.C, .S4.D, ESS2.A, ESS2.E	Patterns, Structure & Function, Cause & Effect, Systems and System Models	Senses, local plants, animals and habitats
<b>Field Ecology</b>	K-8	LS1.A, LS1.B, LS1.C, LS1.D, LS2.A, LS2.B, LS2.C, LS3.A, LS3.B, LS4.B, LS4.C, LS4.D, ESS3.A, PS3.D	Patterns, Structure & Function, Cause and Effect, Systems and System Models, Scientific Knowledge Assumes an Order & Consistency in Natural Systems, Energy and Matter, Stability and Change	Habitats, food webs, ecosystems, biodiversity
<b>Field and Forest Ecology</b>	5-12	LS1.C, LS2.A, LS2.B, LS2.C, LS4.C, LS4.D, ESS2.A, ESS3.C, ESS3.A, PS3.A, PS3.D	Systems and System Models, Energy and Matter, Scale, Proportion and Quantity, Patterns, Stability and Change	Habitats, food webs, ecosystems, biodiversity
<b>Coastal Explorations</b>	1-5, 6-12	<b>Level 1:</b> LS1.A, LS1.B, LS4.C, LS4.D <b>Level 2:</b> LS1.B, LS2.A, LS2.C, LS4.B, LS4.C, LS4.D	Patterns, Structure & Function, Scientific Knowledge Assumes an Order & Consistency in Natural systems	Physical structures and behaviors that help marine life survive, saltwater habitats, tides
<b>Life in the Wetland</b>	1-5, 6-9	<b>Level 1:</b> LS1.A, LS1.B, LS1.D, LS2.A, LS2.C, LS4.C, LS4.D <b>Level 2:</b> LS1.B, LS1.C, LS2.A, LS2.B, LS2.C, LS4.D, LS4.C	Patterns, Structure & Function, Scientific Knowledge Assumes an Order & Consistency in Natural Systems	Wetland habitats, plants and animals, classification, water quality
<b>Pond &amp; Stream Ecology 1 &amp; 2</b>	2-5, 6-12	<b>Level 1:</b> LS1.A, LS1.B, LS2.B, LS2.C, LS4.C, LS4.D <b>Level 2:</b> LS2.A, LS2.C, LS4.C, LS4.D	Patterns, Structure & Function, Scientific Knowledge Assumes an Order & Consistency in Natural Systems	Wetland habitats, plants and animals, classification, biodiversity, water quality
<b>Field Geology</b>	3-8	ESS1.C, ESS2.A, ESS2.E, ESS3.B, ETS1.A, ETS1.B, ETS1.C, ESS2.C, ESS3.C, PS2.B	Patterns, Cause and Effect, Science is a Human Endeavor, Scale, Proportion and Quantity, Systems and Systems Models, Stability and Change	Rocks & minerals, rock cycle, soils, glaciers, erosion, human land use
<b>Nature and Native Americans</b>	2-5	LS1.A, LS1.B, LS1.C, LS2.A, LS4.C, LS4.D, ESS2.E, ESS3.A, ESS3.C, PS1.A	Patterns, Structure and Function, Interdependence of Science, Engineering and Technology, Systems and System Models	Pre-colonial Native American life, natural resources

## Outdoor Field Explorations (3 Hour Programs)

PROGRAM	GRADES	NGSS DISCIPLINARY CORE IDEAS	NGSS CROSCUTTING CONCEPTS	PROGRAM FOCUS
<b>Wilderness Skills</b>	4-8	LS1.A, LS1.C, LS1.D, LS2.A, LS4.D, ETS1.A, ETS1.B, ETS1.C, ESS2.C, ESS3.A, ESS3.C, PS2.B, PS3.A, PS4.B	Science is a Human Endeavor, Cause and Effect, Patterns, Structure & Function	Survival skills, team building, maps
<b>Wigwam Ways</b>	2-6	LS2.A, LS2.C, LS4.D, ESS3.A, ESS3.C	Social Interactions and Group Behavior, Biodiversity and Humans, Natural Resources, Energy & Fuels, Human Impacts on Earth systems	Survival, natural resources, social interactions and culture
<b>Maple Sugaring Ecology &amp; Culture</b>	3-8	LS1.A, LS2-D, LS1-1, 4-LS1-2, ESS3-1, 5-ESS3.C, PS1.B, MS-PS1-3	Cause and Effect, Structures & Function, Natural Resources, Human Impacts on Earth Systems	Forest ecology, trees, seasonal changes, New England history