

<b>PROGRAM</b>	<b>GRADES</b>	<b>NGSS Core Ideas</b>	<b>NGSS Crosscutting Concepts</b>	<b>Program Focus</b>
<b>AT YOUR SCHOOL</b>				
<b>1 hour</b>				
Sensory Safari	K-2	LS1.A, LS1.C, LS1.D, LS4.D	Patterns, Structure & Function, Cause & Effect	Senses, animal structures, adaptations
How Animals Survive	K-2	LS1.A, LS1.B, LS1.C, LS4.D	Patterns, Structure & Function, Cause & Effect	Adaptations, seasonal changes, hibernation, migration, raising young
Verts 1 & 2	K-2, 3-6	Verts1-LS1.A, LS1.B, LS1.D, LS3.A, LS4.D Verts2- 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, adaptations, biodiversity, growth & change
All About Birds 1 & 2	1-2, 3-6	LS1.A, LS1.B, LS1.C, LS1.D, LS2.C, LS2.A, LS2.D, LS4.B, LS4.C, LS4.D	Patterns, Structure & Function, Cause & Effect	Classification, adaptations, life cycles, migration, biodiversity
Owls of RI 1 & 2	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	Senses, adaptations, habitats, food webs
Birds of Prey	gr 3-8	LS1.A, LS1.B, 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 and Effect, Science Addresses Questions About the Natural World	Adaptations, predator/prey, food webs, habitats
Life Cycles	g 2-5	LS4.D, LS1.B, LS2.D, LS1.A	Systems & Systems Models, Patterns, Structure and Function	Growth, life cycles, survival, adaptations, food webs
Everything's Connected	K-4	LS1.C, LS1.A, LS2.A, LS1.B, LS1.D, LS2.B	Patterns, Structure and Function, Systems and System Models	Food chains, food webs, adaptations, predator/prey, trophic levels
Watersheds & Water Quality	gr 5 - 12	PS2.B, ESS2.A, ESS2.C, ESS3.A, ESS3.B, ESS3.C, ETS1.A, ETS1.B, LS2.A, LS2.C, LS4.C, LS4.D	Cause and Effect, Systems and System Models, Patterns, Science Addresses Questions about the Material and Natural World, Influence of Science, Engineering and Technology on Society and the Natural World. <u>Stability and Change</u>	Water quality, watersheds, stormwater, runoff, water pollution, human impact
Inflatable Whale 1 & 2	K-1, 2-8	LS1.A, LS1.B, LS1.C, LS2.D, LS4.C	Patterns, Structure & Function	Mammals, whale biology and anatomy, adaptations
Raptor Encounter	K - Adult			Adaptations, behaviors, predator, prey, habitats

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<b>INDOOR AT EEC</b>				
<b>1 hour</b>				
Owls Hour	K-2	LS1.A, LS1.B, LS1.D	Patterns, Structure & Function	Senses, adaptations, habitats, food webs
Life in the Tidepool	K-2	LS1.A, LS1.B, LS1.D	Patterns, Structure & Function	Habitats, marine life adaptations
<b>2 hour</b>				
Habitats	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, food webs
Fur, Feathers, and Scales	K-2	LS1.A, LS1.B, LS1.D, LS3.A, LS4.D	Patterns, Structure & Function	Animal structures and function, classification, adaptations, biodiversity
Owls of RI	gr 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, adaptations, predator/prey, habitat, food web
Whale CSI	gr 6-12	LS1.B, LS2.A, LS2.D, LS4.C, LS4.D	Patterns, Cause and Effect, Structure and Function	Classification, mammals, whale biology and anatomy
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<b>OUTDOOR FIELD EXPLORATIONS</b>				
<b>1 hour</b>				
Discovery Walk	gr PreK-2	LS1.C, ESS3.A, PS3.B, ETS1.A, LS1.A, LS1. D, LS3.B, LS4.D	Patterns, Cause and Effect, Systems and System Models, Structure and Function	Senses, plants and animals, seasons
Nature Tales & Trails	gr PreK-2	n/a		
<b>2 hour</b>				
Nature Detectives	gr 1-5	LS1.A, LS1.B, LS1.D, LS3.A, LS3.B, LS2.A, LS4.D, ESS2.A, LS4.C, ESS2.E	Patterns, Structure and Function, Cause and Effect, Systems and System Models	Senses, plants and animals, habitats.
Field Ecology	gr 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

Field and Forest Ecology	gr 5-12	PS3.D, LS1.C, LS2.A, LS2.B, ESS3.C, ESS2.A, PS3.A, LS2.C, LS4.D, LS4.C, ESS3.A	Systems and System Models, Energy and Matter, Scale, Proportion and Quantity, Patterns, Stability and Change, Patterns	Habitats, food webs, ecosystems, biodiversity
Pollination Investation	gr 1 - 4	LS1.A, LS1.B, LS1.C, LS2.A, LS4.D, ESS2.E, ESS3.A, ESS3.C, PS4.A, PS1.A	Patterns, Systems and System Models, Structure and Function,	Process of pollination, types of pollinators, relationship between foods humans eat and pollinators,
Coastal Explorations	gr 1-5, gr 6-12	Level 1: LS1.A, LS1.B, LS4.C, LS4.D, LS4.D Level 2: LS1.B, LS2.A, LS2.C, LS4.B, LS4.C, LS4.D	Patterns, Structure & Function, Scientific Knowledge Assumes an Order & Consistency in Natural Systems	Marine life, saltwater habitats, tides
Pond & Stream Ecology 1 & 2	gr 2-5 gr 6-12	Level 1: LS1.A, LS1.B, LS2.B, LS2.C, LS4.C, LS4.D; Level 2: 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.
Field Geology	gr 3-8	ESS3.B, ETS1.A, ETS1.C, ESS1.C, ESS2.A, ESS2.E, ETS1.B, ESS2.C, ESS3.C, PS2.B	Patterns, Cause and Effect, Science is a Human Endeavor, Scale, Proportion and Quantity, Systems and System Models, Stability and Change	Rocks & minerals, rock cycle, soils, glaciers, erosion, human land use.
<b>3 hour</b>				
Wildlife Survival	gr 2-6	Level 2-LS2.A, LS4.D; Level 3: LS2.C, LS4.C, LS4.D; Level 4: LS1.A; Level 5: LS2.A; Level 6: MSLS1-6, MSLS2-2	Interdependent Relationships in Ecosystems, Structure & Process, Cause & Effect	Animal basic needs and adaptations, survival strategies, food webs