

Bite-Size Science

FLORIDA STANDARDS ALIGNMENT

Grade Level	#	Episode Title	Length	Summary	Florida Science Standard(s)	Benchmark Advance Unit(s)
Grade 1	E1	Animals' Basic Needs	11:25	Discover the basic needs of animals and learn how you can use evidence to find out if an animal ate meat, plants, or something else.	SC.1.L.17.1	Unit 2
	E3	Eggs & Offspring	12:47	Learn how and WHY animals come from different kinds of eggs. Your students will also learn the word "offspring" and how it's one of the big clues as to whether something is living or non-living.	SC.1.L.14.1 SC.1.L.14.3 SC.1.L.16.1	Units 1 & 2
	E4	Metamorphosis	13:06	Compare life cycles and ways of growing for frogs, butterflies, dogs, alligators, chickens, and more. Observe how different structures-at different stages of life-help animals eat different things, live in different places, and move in different ways.	SC.1.L.16.1 <i>(Metamorphosis for grade 4 only)</i>	Unit 2
	E9	Needs of Plants & Importance of Wetlands	14:40	This episode begins with a lesson in ecosystems, which are communities, like towns. From there, we learn about the importance of plants and their basic needs.	SC.1.L.17.1	Unit 2
Grade 2	E1	Animals' Basic Needs	11:25	Discover the basic needs of animals and learn how you can use evidence to find out if an animal ate meat, plants, or something else.	SC.2.L.17.1	Unit 1
	E2	Habitats and Ecosystems	10:47	Learn about the endangered ocelot and the importance of habitat. You will also learn the slight differences between the terms habitats and ecosystems.	SC.1.L.17.1* SC.2.L.17.1 SC.2.L.17.2	Unit 1
	E3	Eggs & Offspring	12:47	Learn how and WHY animals come from different kinds of eggs. Your students will also learn the word "offspring" and how it's one of the big clues as to whether something is living <i>or</i> non-living.	SC.2.L.16.1	Unit 1

	E4	Metamorphosis	13:06	Compare lifecycles and ways of growing <i>for</i> frogs, butterflies, dogs, alligators, chickens, and more. Observe how different structures-at different stages of life-help animals eat different things, live in different places, and move in different ways.	SC.2.L.16.1	Unit 1
	ES	Monarchs - On Location	15:48	Time-lapse sequences and videos of unimaginable numbers of monarchs soaring overhead. Filmed in Michoacan, Mexico.	SC.2.L.16.1	Unit 1
	E7	Bees and Pollination	13:17	Learn about their lifecycle, featuring a complete metamorphosis, from larva to pupa to adult. Then learn the difference between pollen, nectar, and honey - and the foods made possible by honey.	SC.2.L.16.1	Unit 1
	E9	Needs of Plants & Importance of Wetlands	14:40	This episode begins with a lesson in ecosystems, which are communities, like towns. From there, we learn about the importance of plants and their basic needs.	SC.2.L.17.1	Unit 1
Grade 3	E6	Animal Groups	13:26	What is an animal? What are vertebrates and invertebrates? What are the differences between arthropods, insects, arachnids, and crustaceans? What are consumers and producers?	SC.3.L.1S.1	Unit 1
	E13	Ocean Food Chains Part 2: Sharks	9:19	This episode illustrates the flow of energy from the sun, through producers and on to top predators. It also touches on the sun's role in the water cycle and how the oxygen we breathe comes from photosynthesis.	SC.3.L.17.2	Unit 3
Grade 4	E4	Metamorphosis	13:06	Compare lifecycles and ways of growing for frogs, butterflies, dogs, alligators, chickens, and more. Observe how different structures-at different stages of life-help animals eat different things, live in different places, and <i>move</i> in different ways.	SC.4.L.16.4 SC.4.L.17.1	Units 4 & 7
	ES	Monarchs - On Location	15:48	Time-lapse sequences and videos of unimaginable numbers of monarchs soaring overhead. Filmed in Michoacan, Mexico.	SC.4.L.16.4	Unit 4
	E7	Bees and Pollination	13:17	Learn about their lifecycle, featuring a complete metamorphosis, from larva to pupa to adult. Then learn the difference between pollen, nectar, and honey - and the foods made possible by honey.	SC.4.L.16.1	Unit 4
	E13	Ocean Food Chains Part 2: Sharks	9:19	This episode illustrates the flow of energy from the sun, through producers and on to top predators. It also touches on the sun's role in the water cycle and how the oxygen we breathe comes from photosynthesis.	SC.4.L.17.3	Unit 7
Grade 5	E3	Eggs & Offspring	12:47	Learn how and WHY animals come from different kinds of eggs. Your students will also learn the word "offspring" and how it's one of the big clues as to whether something is living or non-living.	SC.S.L.17.1 (adaptations only)	Unit 1

	E6	Animal Groups	13:26	What is an animal? What are vertebrates and invertebrates? What are the differences between arthropods, insects, arachnids, and crustaceans? What are consumers and producers?	Review	Review
	E7	Bees and Pollination	13:17	Learn about their life cycle, featuring a complete metamorphosis, from larva to pupa to adult. Then learn the difference between pollen, nectar, and honey - and the foods made possible by honey.	Review	Review
	E10	Adaptations Part1:Bird Beaks	11:39	This is the first of two videos about adaptations. The term is defined clearly with examples of the variety of adaptations in living things.	SC.S.L.17.1	Unit 1
	E11	Adaptations Part2: Cheetahs!	14:02	This is the second of two videos about adaptations-the special features that help animals survive. Adaptations can help animals eat certain things, live in certain ecosystems, defend themselves, and move in particular ways.	SC.S.L.17.1	Unit 1
Not eval	E8	Flowers and Seeds	9:42	Learn about the lifecycle of an annual plant and explore more examples of interdependence: pollination and seed dispersal.		
Not eval	E12	Ocean Food Chains Part1: Plankton & Photosynthesis	11:0S	This episode explores how animals produce food through photosynthesis. This food is what ultimately powers nearly all life on earth.		
Not eval	E14	Interdependence	10:22	This "series finale" explores one of the most important ideas in the natural world: the living world is one big web of interdependence!		
Grades 1-5		LIVE: Earth Day Concert	4/22/2022	This was a live episode to celebrate EARTH DAY!		

*Review