



Zoo Miami Outreach

NGSS Standards Overview



Zoo to You (Presentation with up to 6 animals)

Grade	Creature Feature	Everglades Expedition	Vanishing Wildlife	Sensational Senses
K	SC.K.L.14.2, SC.K.L.14.3	SC.K.L.14.1	N/A	SC.K.N.1.2, SC.K.L.14.1, SC.K.L.14.3
1	SC.1.L.14.1, SC.1.L.17.1	SC.1.L.17.1	SC.1.L.17.1	SC.1.L.14.1
2	SC.2.L.17.1, SC.2.L.17.2	SC.2.E.7.1, SC.2.L.17.1, SC.2.L.17.2	SC.2.L.17.1, SC.2.L.17.2	SC.2.L.17.2
3	SC.3.L.15.1	SC.3.L.17.1	N/A	N/A
4	SC.4.L.16.2, SC.4.L.17.4	SC.4.L.17.4	SC.4.L.17.4	SC.4.L.16.2, SC.4.L.17.4
5	SC.5.L.17.1	SC.5.L.17.1	N/A	SC.5.L.17.1
6	N/A	SC.6.E.7.6	N/A	N/A
7	SC.7.E.6.6	SC.7.E.6.6	SC.7.E.6.6, SC.7.L.17.3	N/A
8	N/A	N/A	N/A	N/A
9-12	SC.912.L.17.8	SC.912.L.17.4, SC.912.L.17.8, SC.912.L.17.16	SC.912.L.17.8, SC.912.L.17.20	N/A



Outreach NGSS Standards



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Grade	Creature Feature	Everglades Expedition	Vanishing Wildlife	Sensational Senses
Kindergarten	<ul style="list-style-type: none"> Recognize that some books and other media portray animals and plants with characteristics and behaviors they do not have in real life. (SC.K.L.14.2) Observe plants and animals, describe how they are alike and how they are different in the way they look and in the things they do. (SC.K.L.14.3) 	<ul style="list-style-type: none"> Recognize the five senses and related body parts. (SC.K.L.14.1) 		<ul style="list-style-type: none"> Make observations of the natural world and know that they are descriptors collected using the five senses. (SC.K.N.1.2) Recognize the five senses and related body parts. (SC.K.L.14.1) Observe plants and animals, describe how they are alike and how they are different in the way they look and in the things they do. (SC.K.L.14.3)
Grade 1	<ul style="list-style-type: none"> Make observations of living things and their environment using the five senses (SC.1.L.14.1) Through observation, recognize that all plants and animals, including humans, need the basic necessities of air, water, food, and space. (SC.1.L.17.1) 	<ul style="list-style-type: none"> Through observation, recognize that all plants and animals, including humans, need the basic necessities of air, water, food, and space. (SC.1.L.17.1) 	<ul style="list-style-type: none"> Through observation, recognize that all plants and animals, including humans, need the basic necessities of air, water, food, and space. (SC.1.L.17.1) 	<ul style="list-style-type: none"> Make observations of living things and their environment using the five senses (SC.1.L.14.1)
Grade 2	<ul style="list-style-type: none"> Compare and contrast the basic needs that all living things, including humans, have for survival. (SC.2.L.17.1) Recognize and explain that living things are found all over Earth, but each is only able to live in habitats that meet its basic needs. (SC.2.L.17.2) 	<ul style="list-style-type: none"> Compare and describe changing patterns in nature that repeat themselves, such as weather conditions including temperature and precipitation, day to day and season to season. (SC.2.E.7.1) Compare and contrast the basic needs that all living things, including humans, have for 	<ul style="list-style-type: none"> Compare and contrast the basic needs that all living things, including humans, have for survival. (SC.2.L.17.1) Recognize and explain that living things are found all over Earth, but each is only able to live in habitats that meet its basic needs. (SC.2.L.17.2) 	<ul style="list-style-type: none"> Recognize and explain that living things are found all over Earth, but each is only able to live in habitats that meet its basic needs. (SC.2.L.17.2)

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		<p>survival. (SC.2.L.17.1)</p> <ul style="list-style-type: none"> Recognize and explain that living things are found all over Earth, but each is only able to live in habitats that meet its basic needs. (SC.2.L.17.2) 		
Grade 3	<ul style="list-style-type: none"> Classify animals into major groups (mammals, birds, reptiles, amphibians, fish, arthropods, vertebrates and invertebrates, those having live births and those which lay eggs) according to their physical characteristics and behaviors. (SC.3.L.15.1) 	<ul style="list-style-type: none"> Describe how animals and plants respond to changing seasons. (SC.3.L.17.1) 		
Grade 4	<ul style="list-style-type: none"> Explain that although characteristics of plants and animals are inherited, some characteristics can be affected by the environment. (SC.4.L.16.2) Recognize ways plants and animals, including humans, can impact the environment. (SC.4.L.17.4) 	<ul style="list-style-type: none"> Recognize ways plants and animals, including humans, can impact the environment. (SC.4.L.17.4) 	<ul style="list-style-type: none"> Recognize ways plants and animals, including humans, can impact the environment. (SC.4.L.17.4) 	<ul style="list-style-type: none"> Explain that although characteristics of plants and animals are inherited, some characteristics can be affected by the environment. (SC.4.L.16.2) Recognize ways plants and animals, including humans, can impact the environment. (SC.4.L.17.4)
Grade 5	<ul style="list-style-type: none"> Compare and contrast adaptations displayed by animals and plants that enable them to survive in different environments such as life cycles variations, animal behaviors and physical characteristics. (SC.5.L.17.1) 	<ul style="list-style-type: none"> Compare and contrast adaptations displayed by animals and plants that enable them to survive in different environments such as life cycles variations, animal behaviors and physical characteristics. (SC.5.L.17.1) 		<ul style="list-style-type: none"> Compare and contrast adaptations displayed by animals and plants that enable them to survive in different environments such as life cycles variations, animal behaviors and physical characteristics. (SC.5.L.17.1)
Grade 6		<ul style="list-style-type: none"> Differentiate between weather and climate. (SC.6.E.7.6) 		
Grade 7	<ul style="list-style-type: none"> Identify the impact that 	<ul style="list-style-type: none"> Identify the impact that 	<ul style="list-style-type: none"> Identify the impact that 	

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	<p>humans have had on Earth, such as deforestation, urbanization, desertification, erosion, air and water quality, changing the flow of water. (SC.7.E.6.6)</p>	<p>humans have had on Earth, such as deforestation, urbanization, desertification, erosion, air and water quality, changing the flow of water. (SC.7.E.6.6)</p>	<p>humans have had on Earth, such as deforestation, urbanization, desertification, erosion, air and water quality, changing the flow of water. (SC.7.E.6.6)</p> <ul style="list-style-type: none"> Describe and investigate various limiting factors in the local ecosystem and their impact on native populations, including food, shelter, water, space, disease, parasitism, predation, and nesting sites. (SC.7.L.17.3) 	
Grade 8				
Grades 9-12	<ul style="list-style-type: none"> Recognize the consequences of the losses of biodiversity due to catastrophic events, climate changes, human activity, and the introduction of invasive, non-native species. (SC.912.L.17.8) 	<ul style="list-style-type: none"> Describe changes in ecosystems resulting from seasonal variations, climate change and succession. (SC.912.L.17.4) Recognize the consequences of the losses of biodiversity due to catastrophic events, climate changes, human activity, and the introduction of invasive, non-native species. (SC.912.L.17.8) Discuss the large-scale environmental impacts resulting from human activity, including waste spills, oil spills, runoff, greenhouse gases, ozone depletion, and surface and groundwater pollution. (SC.912.L.17.16) 	<ul style="list-style-type: none"> Recognize the consequences of the losses of biodiversity due to catastrophic events, climate changes, human activity, and the introduction of invasive, non-native species. (SC.912.L.17.8) Predict the impact of individuals on environmental systems and examine how human lifestyles affect sustainability. (SC.912.L.17.20) 	