

**PROJECT WILD CORRELATIONS TO NORTH
CAROLINA K-5 SCIENCE ESSENTIAL
STANDARDS**

NC Wildlife Resources Commission

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Project **WILD**

www.ncwildlife.org/educators

The following document is a listing of the K-5 Science Essential Standards that can be addressed through Project WILD activities. Only direct correlations addressed by using the background information and activity procedures are included. Extensions and Variations sections were not correlated, but teachers are encouraged to use these sections and modify the lessons, as needed.

Only K-5 Science Standards are correlated in this document. Additional correlations will be completed in the future. Look for those correlations at www.ncwildlife.org/educators.

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Grade Level	NC Science Essential Standards Clarifying Objectives		Project WILD Activity Correlations
K	K.L.1.1	Compare different types of the same animal (i.e. different types of dogs, different types of cats, etc.) to determine individual differences within a particular type of animal.	And the Wolf Wore Shoes; Color Crazy; Grasshopper Gravity; Thicket Game; What Bear Goes Where?; What's Wild?
	K.L.1.2	Compare characteristics of living and nonliving things in terms of their: structure, growth, changes, movement, and basic needs.	Animal Charades; Beautiful Basics; Classroom Carrying Capacity; Environmental Barometer; Ethi-Thinking; Everybody Needs a Home; Graphanimal; Grasshopper Gravity; Habitracks; Surprise Terrarium; Thicket Game; Too Close for Comfort; What Bear Goes Where?
1st	1.L.1.1	Recognize that plants and animals need air, water, light (plants only), space, food and shelter and that these may be found in their environment.	Beautiful Basics; Everybody Needs a Home; Graphanimal; Grasshopper Gravity; Habitracks; What Bear Goes Where?; What's That, Habitat?
	1.L.1.2	Give examples of how the needs of different plants and animals can be met by their environments in North Carolina or different places throughout the world.	Beautiful Basics; Everybody Needs a Home; Graphanimal; Grasshopper Gravity; Habitracks; What Bear Goes Where?; What's That, Habitat?; Wildlife Is Everywhere!
	1.L.1.3	Summarize ways that humans protect their environment and/or improve conditions for the growth of the plants and animals that live there (e.g., reuse or recycle products to avoid littering).	Classroom Carrying Capacity; Environmental Barometer; Ethi-Thinking; Grasshopper Gravity; Litter We Know; Playing Lightly on the Earth; Too Close for Comfort
	1.L.2.2	Summarize the basic needs of a variety of different animals (including air, water, and food) for energy and growth.	Beautiful Basics; Everybody Needs a Home; Graphanimal; Grasshopper Gravity; Habitracks; What Bear Goes Where?; What's That, Habitat?
2nd	2.L.1.2	Compare life cycles of different animals such as, but not limited to, mealworms, ladybugs, crickets, guppies or frogs.	Grasshopper Gravity
3rd	3.L.2.3	Summarize the distinct stages of the life cycle of seed plants.	Seed Need

4th	4.L.1.1	Give examples of changes in an organism's environment that are beneficial to it and some that are harmful.	Changing Attitudes; Changing the Land; Checks and Balances; Enviro-Ethics; Environmental Barometer; Ethi-Thinking; Flip the Switch for Wildlife; Hazardous Links, Possible Solutions; How Many Bears Can Live in This Forest?; Improving Wildlife Habitat in the Community; Muskox Maneuvers; No Water Off a Duck's Back; Oh Deer!; Planning for People and Wildlife; Planting Animals; Prairie Memoirs; Rainfall and the Forest; Rare Bird Eggs for Sale; Riparian Zone; Shrinking Habitat; Smokey Bear Said What?; To Zone or Not to Zone
	4.L.1.2	Explain how animals meet their needs by using behaviors in response to information received from the environment.	Checks and Balances; Hazardous Links, Possible Solutions; Here Today, Gone Tomorrow; How Many Bears Can Live in This Forest?; Improving Wildlife Habitat in the Community; Muskox Maneuvers; Oh Deer!; Quick Frozen Critters; Rainfall and the Forest; Shrinking Habitat; To Zone or Not to Zone
	4.L.1.3	Explain how humans can adapt their behavior to live in changing habitats (e.g., recycling wastes, establishing rain gardens, planting trees and shrubs to prevent flooding and erosion).	Changing the Land; Checks and Balances; Enviro-Ethics; Ethi-Reasoning; Ethi-Thinking; Hazardous Links, Possible Solutions; Litter We Know; Microtrek Treasure Hunt; Migration Barriers; No Water Off a Duck's Back; Noisy Neighbors; Planning for People and Wildlife; Playing Lightly on the Earth; Pro and Con: Consumptive and Nonconsumptive Uses of Wildlife; Shrinking Habitat; To Zone or Not to Zone; Too Close for Comfort; What Did Your Lunch Cost Wildlife?
	4.L.1.4	Explain how differences among animals of the same population sometimes give individuals an advantage in surviving and reproducing in changing habitats.	Adaptation Artistry; Color Crazy; Seeing Is Believing!; Thicket Game; What Bears Goes Where?
	4.L.2.1	Classify substances as food or non-food items based on their ability to provide energy and materials for survival, growth, and repair of the body.	How Many Bears Can Live in This Forest?

5th	5.L.2.1	Compare the characteristics of several common ecosystems, including estuaries and salt marshes, oceans, lakes and ponds, forests, and grasslands.	Adaptation Artistry; Ants on a Twig; Career Critters; Microtrek Treasure Hunt; Move Over Rover; Smokey Bear Said What?; Time Lapse; What Bear Goes Where?; Which Niche?; Who Fits Here?; Wildlife Is Everywhere!
	5.L.2.2	Classify the organisms within an ecosystem according to the function they serve: producers, consumers, or decomposers (biotic factors).	Ants on a Twig; Energy Pipeline; Good Buddies; Muskox Maneuvers; Oh Deer!; Owl Pellets; Which Niche?
	5.L.2.3	Infer the effects that may result from the interconnected relationship of plants and animals to their ecosystem.	Adaptation Artistry; checks and Balances; Classroom Carrying Capacity; Eco-Enrichers; Energy Pipeline; Good Buddies; Habitat Rummy; Here Today, Gone Tomorrow; How Many Bears Can Live in This Forest?; Improving Wildlife Habitat in the Community; Microtrek Treasure Hunt; Move Over Rover; Muskox Maneuvers; Oh Deer!; Planting Animals; Prairie Memoirs; Quick Frozen Critters; Rainfall and the Forest; Riparian Zone; Seed Need; Shrinking Habitat; Time Lapse; What's For Dinner; Which Niche?; Who Fits Here?; Wildlife Is Everywhere
	5.L.3.1	Explain why organisms differ from or are similar to their parents based on the characteristics of the organism.	Adaptation Artistry
	5.L.3.2	Give examples of likenesses that are inherited and some that are not.	Adaptation Artistry

	Kindergarten		1st Grade			
Project WILD	K.L.1.1	K.L.1.2	1.L.1.1	1.L.1.2	1.L.1.3	1.L.2.2
A Picture Is Worth a Thousand Words						
Adaptation Artistry						
And the Wolf Wore Shoes	X					
Animal Charades		X				
Animal Poetry						
Ants on a Twig						
Arctic Survival						
Back from the Brink						
Bearly Growing						
Beautiful Basics		X	X	X		X
Bird Song Survey						
Birds of Prey						
Bottleneck Genes						
Cabin Conflict						
Can Do!						
Career Critters						
Carrying Capacity						
Cartoons and Bumper Stickers						
Changing Attitudes						
Changing Societies						
Changing the Land						
Checks and Balances						
Classroom Carrying Capacity		X			X	
Color Crazy	X					
Deer Crossing						
Deer Dilemma						
Does Wildlife Sell?						
Drawing on Nature						
Dropping in on Deer						
Eco-Enrichers						
Ecosystem Facelift						
Energy Pipeline						
Enviro-Ethics						
Environmental Barometer		X			X	
Ethi-Reasoning						
Ethi-Thinking		X			X	
Everybody Needs a Home		X	X	X		X
Fire Ecologies						
First Impressions						
Flip the Switch for Wildlife						
For Your Eyes Only						
Forest in a Jar						
From Bison to Bread:						
Good Buddies						
Graphanimal		X	X	X		X
Grasshopper Gravity	X	X	X	X	X	X
Habitat Lap Sit						
Habitat Rummy						
Habittracks		X	X	X		X
Habitrekking						
Hazardous Links, Possible Solutions						
Here Today, Gone Tomorrow						

Project WILD	K.L.1.1	K.L.1.2	1.L.1.1	1.L.1.2	1.L.1.3	1.L.2.2
History of Wildlife Management						
How Many Bears Can...						
I'm Thirsty						
Improving Wildlife Habitat...						
Interview a Spider						
Know Your Legislation....						
Learning to Look, Looking to See						
Let's Talk Turkey						
Litter We Know					X	
Lobster in Your Lunch Box						
Make a Coat!						
Microtrek Treasure Hunt						
Migration Barriers						
Move Over Rover						
Museum Search for Wildlife						
Muskox Maneuvers						
My Kingdom for a Shelter						
No Water Off a Duck's Back						
Noisy Neighbors						
Oh Deer!						
Owl Pellets						
Pay to Play						
Philosophical Differences						
Planning for People and Wildlife						
Planting Animals						
Playing Lightly on the Earth					X	
Polar Bears in Phoenix?						
Power of a Song						
Prairie Memoirs						
Pro and Con: Con and Noncon Uses						
Quick-Frozen Critters						
Rainfall and the Forest						
Rare Bird Eggs for Sale						
Riparian Zone						
Saturday Morning Wildlife Watching						
Seed Need						
Seeing Is Believing!						
Shrinking Habitat						
Smokey Bear Said What?						
Spider Web Geometry						
Stormy Weather						
Surprise Terrarium		X				
Sustainability: Then, Now, Later						
The Hunter						
Thicket Game	X	X				
Time Lapse						
To Zone or Not to Zone						
Too Close for Comfort		X			X	
Tracks!						
Turkey Trouble						
Urban Nature Search						
We're in This Together						
What Bear Goes Where?	X	X	X	X		X

Project WILD	K.L.1.1	K.L.1.2	1.L.1.1	1.L.1.2	1.L.1.3	1.L.2.2
What Did Your Lunch Cost Wildlife?						
What You Wear Is What They Were						
What's for Dinner?						
What's That, Habitat?			X	X		X
What's Wild?	X					
Which Niche?						
Who Fits Here?						
Wild Bill's Fate						
Wild Words						
Wildlife Bibliography						
Wildlife in National Symbols						
Wildlife Is Everywhere!				X		
Wildlife Issues: Community Attitude Survey						
Wildlife on Coins and Stamps						
Wildlife Research						
Wildwork						
World Travelers						

	2nd Gr	3rd Gr	4th Grade				
Project WILD	2.L.1.2	3.L.2.3	4.L.1.1	4.L.1.2	4.L.1.3	4.L.1.4	4.L.2.2
A Picture Is Worth a Thousand Words							
Adaptation Artistry						X	
And the Wolf Wore Shoes							
Animal Charades							
Animal Poetry							
Ants on a Twig							
Arctic Survival							
Back from the Brink							
Bearly Growing							
Beautiful Basics							
Bird Song Survey							
Birds of Prey							
Bottleneck Genes							
Cabin Conflict							
Can Do!							
Career Critters							
Carrying Capacity							
Cartoons and Bumper Stickers							
Changing Attitudes			X				
Changing Societies							
Changing the Land			X		X		
Checks and Balances			X	X	X		
Classroom Carrying Capacity							
Color Crazy						X	
Deer Crossing							
Deer Dilemma							
Does Wildlife Sell?							
Drawing on Nature							
Dropping in on Deer							
Eco-Enrichers							
Ecosystem Facelift							
Energy Pipeline							
Enviro-Ethics			X		X		
Environmental Barometer			X				
Ethi-Reasoning					X		
Ethi-Thinking			X		X		
Everybody Needs a Home							
Fire Ecologies							
First Impressions							
Flip the Switch for Wildlife			X				
For Your Eyes Only							
Forest in a Jar							
From Bison to Bread:							
Good Buddies							
Graphanimal							
Grasshopper Gravity	X						
Habitat Lap Sit							
Habitat Rummy							
Habittracks							
Habitrekking							
Hazardous Links, Possible Solutions			X	X	X		
Here Today, Gone Tomorrow				X			

Project WILD	2.L.1.2	3.L.2.3	4.L.1.1	4.L.1.2	4.L.1.3	4.L.1.4	4.L.2.2
History of Wildlife Management							
How Many Bears Can...			X	X			X
I'm Thirsty							
Improving Wildlife Habitat...			X	X			
Interview a Spider							
Know Your Legislation....							
Learning to Look, Looking to See							
Let's Talk Turkey							
Litter We Know					X		
Lobster in Your Lunch Box							
Make a Coat!							
Microtrek Treasure Hunt					X		
Migration Barriers					X		
Move Over Rover							
Museum Search for Wildlife							
Muskox Maneuvers			X	X			
My Kingdom for a Shelter							
No Water Off a Duck's Back			X		X		
Noisy Neighbors					X		
Oh Deer!			X	X			
Owl Pellets							
Pay to Play							
Philosophical Differences							
Planning for People and Wildlife			X		X		
Planting Animals			X				
Playing Lightly on the Earth					X		
Polar Bears in Phoenix?							
Power of a Song							
Prairie Memoirs			X				
Pro and Con: Con and Noncon Uses					X		
Quick-Frozen Critters				X			
Rainfall and the Forest			X	X			
Rare Bird Eggs for Sale			X				
Riparian Zone			X				
Saturday Morning Wildlife Watching							
Seed Need		X					
Seeing Is Believing!						X	
Shrinking Habitat			X	X	X		
Smokey Bear Said What?			X				
Spider Web Geometry							
Stormy Weather							
Surprise Terrarium							
Sustainability: Then, Now, Later							
The Hunter							
Thicket Game						X	
Time Lapse							
To Zone or Not to Zone			X	X	X		
Too Close for Comfort					X		
Tracks!							
Turkey Trouble							
Urban Nature Search							
We're in This Together							
What Bear Goes Where?						X	

	5th Grade				
Project WILD	5.L.2.1	5.L.2.2	5.L.2.3	5.L.3.1	5.L.3.2
A Picture Is Worth a Thousand Words					
Adaptation Artistry	X		X	X	X
And the Wolf Wore Shoes					
Animal Charades					
Animal Poetry					
Ants on a Twig	X	X			
Arctic Survival					
Back from the Brink					
Bearly Growing					
Beautiful Basics					
Bird Song Survey					
Birds of Prey					
Bottleneck Genes					
Cabin Conflict					
Can Do!					
Career Critters	X				
Carrying Capacity					
Cartoons and Bumper Stickers					
Changing Attitudes					
Changing Societies					
Changing the Land					
Checks and Balances			X		
Classroom Carrying Capacity			X		
Color Crazy					
Deer Crossing					
Deer Dilemma					
Does Wildlife Sell?					
Drawing on Nature					
Dropping in on Deer					
Eco-Enrichers			X		
Ecosystem Facelift					
Energy Pipeline		X	X		
Enviro-Ethics					
Environmental Barometer					
Ethi-Reasoning					
Ethi-Thinking					
Everybody Needs a Home					
Fire Ecologies					
First Impressions					
Flip the Switch for Wildlife					
For Your Eyes Only					
Forest in a Jar					
From Bison to Bread:					
Good Buddies		X	X		
Graphanimal					
Grasshopper Gravity					
Habitat Lap Sit					
Habitat Rummy			X		
Habittracks					
Habitrekking					
Hazardous Links, Possible Solutions					
Here Today, Gone Tomorrow			X		

Project WILD	5.L.2.1	5.L.2.2	5.L.2.3	5.L.3.1	5.L.3.2
History of Wildlife Management					
How Many Bears Can...			X		
I'm Thirsty					
Improving Wildlife Habitat...			X		
Interview a Spider					
Know Your Legislation....					
Learning to Look, Looking to See					
Let's Talk Turkey					
Litter We Know					
Lobster in Your Lunch Box					
Make a Coat!					
Microtrek Treasure Hunt	X		X		
Migration Barriers					
Move Over Rover	X		X		
Museum Search for Wildlife					
Muskox Maneuvers		X	X		
My Kingdom for a Shelter					
No Water Off a Duck's Back					
Noisy Neighbors					
Oh Deer!		X	X		
Owl Pellets		X			
Pay to Play					
Philosophical Differences					
Planning for People and Wildlife					
Planting Animals			X		
Playing Lightly on the Earth					
Polar Bears in Phoenix?					
Power of a Song					
Prairie Memoirs			X		
Pro and Con: Con and Noncon Uses					
Quick-Frozen Critters			X		
Rainfall and the Forest			X		
Rare Bird Eggs for Sale					
Riparian Zone			X		
Saturday Morning Wildlife Watching					
Seed Need			X		
Seeing Is Believing!					
Shrinking Habitat			X		
Smokey Bear Said What?	X				
Spider Web Geometry					
Stormy Weather					
Surprise Terrarium					
Sustainability: Then, Now, Later					
The Hunter					
Thicket Game					
Time Lapse	X		X		
To Zone or Not to Zone					
Too Close for Comfort					
Tracks!					
Turkey Trouble					
Urban Nature Search					
We're in This Together					
What Bear Goes Where?	X				

Project WILD	5.L.2.1	5.L.2.2	5.L.2.3	5.L.3.1	5.L.3.2
What Did Your Lunch Cost Wildlife?					
What You Wear Is What They Were					
What's for Dinner?			X		
What's That, Habitat?					
What's Wild?					
Which Niche?	X	X	X		
Who Fits Here?	X		X		
Wild Bill's Fate					
Wild Words					
Wildlife Bibliography					
Wildlife in National Symbols					
Wildlife Is Everywhere!	X		X		
Wildlife Issues: Community Attitude Survey					
Wildlife on Coins and Stamps					
Wildlife Research					
Wildwork					
World Travelers					