



Master Naturalist Activities

TOPIC/GRADE CHART

	B	I	A	S
	Biology: factual information on a species and/or habitat	Interconnection: showing relationships/dependencies of the living and non-living elements of ecosystem	Awareness: developing sensory skills	Stewardship: showing why and how to care for the environment
Pre -K	River Who Am I? <i>Students learn parts of animals.</i> Ants <i>Students observe ants and determine their food preference.</i>	Eat It Up <i>Students learn predator/prey relationships.</i>	I Have 5 Senses <i>Students use their senses playing "I Spy" and touching artifacts.</i>	Wildlife Rangers <i>Students learn pets and wildlife are treated differently.</i>
	Prairie Feet Are Neat <i>Students compare animal feet to their own feet.</i> Ladybugs <i>Students learn about the anatomy of ladybugs to understand other insects.</i>	Sharing Tunnels <i>Students solve a puzzle to show that PD burrows are shared with many other species.</i> It Feels Like Fall <i>Students take a sensory walk to experience fall.</i>	Prairie Wonders <i>Students touch prairie plants and experience the sounds of the prairie.</i>	Walk Softly <i>Students learn about staying on the trail, and how to act if they see a rattlesnake.</i>
K	River Falling Down <i>Students learn about leaves in different seasons.</i>	Food Chain Detectives <i>Students look for evidence of a food chain.</i>	Senses Walk <i>Students take a senses' walk and share observations verbally.</i>	Our Tree <i>Students learn the value of trees to people and wildlife and adopt a tree.</i>
	Prairie Grasshoppers <i>Students learn the anatomy of a grasshopper/insects in general and hunt for prairie insects.</i>	The Lively Prairie <i>Students learn all species need habitat (F,S,W) and search for evidence of habitat.</i>	Prairie Sounds <i>Students learn about the keen hearing of the fox and coyote and imitate them.</i>	Pick It UP <i>Students learn the difference btw natural and made-by- people materials, how litter can hurt wildlife, and how they can help.</i>

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1	<p>River New Plants <i>Students review plant parts and compare plants in the natural area to their class plants.</i></p>	<p>Plants Give Us Gifts <i>Students learn how plants are important and interesting and have helped people.</i></p> <p>Animal Homes <i>Students discover animal homes and what plants were used to build them.</i></p>	<p>Weather and Clouds <i>Students record the weather, temp, clouds and wind and relate it to the habitat</i></p>	<p>Bats Are Good <i>Students learn that bats are mammals, beneficial to people, and need protection.</i></p>
	<p>Prairie Prairie Dogs <i>Students learn about prairie dogs and their behaviors, and observe and record 5 specific behaviors.</i></p>	<p>How Green Is Your Lunch <i>Students analyze their lunches to discover what their eating preferences are.</i></p>	<p>A Long Walk Back <i>Students take an observation walk at 2 different speeds to increase their observation skills.</i></p>	<p>Sharing Habitat <i>Students learn the components of habitat, recognize different types of habitat, and understand that all are shared by various species including themselves.</i></p>
2	<p>River Insect Search <i>Students search for insects, insect relatives and evidence of insects</i></p>	<p>Thank You Bugs <i>Students learn several beneficial jobs that insects perform.</i></p>	<p>Unnatural Walk <i>Students look for household objects placed along the trail.</i></p>	<p>Ants <i>Students observe ants and determine their food preferences.</i></p>
	<p>Prairie Bird Beak Buffet <i>Students learn about different bird beaks.</i></p>	<p>Migration Navigation <i>Students learn about the obstacles and hazards encountered by migrating birds.</i></p>	<p>Discover Birding Tools <i>Students learn how bird books and binoculars are tools to extend their observations.</i></p>	<p>Signs of Birds Walk <i>Students search for birds or signs of birds.</i></p>

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3	<p>River Let Worms Wiggle Into Your Heart <i>Students learn worm anatomy and behavior, observe worms, and understand their place in the food chain.</i></p>	<p>Water, Water Everywhere and Always on the Move <i>Students learn about the water cycle through a game that demonstrates the presence of water everywhere.</i></p>	<p>Discovery Pond <i>Students practice mapping and using scientific equipment to observe ponds.</i></p> <p>A Closer Look <i>Students use their senses to experience the river environment.</i></p>	<p>Soak It Up <i>Students observe what happens when water is poured on different soils and surfaces.</i></p>
	<p>Prairie Tracking Habitat <i>Students search for habitat of prairie animals and map their food, water, shelter and space.</i></p>	<p>Linking the Food Chain <i>Students search for evidence that the food chain is real.</i></p>	<p>Bird's Eye View <i>Students observe the prairie as a bird might and then go bird watching.</i></p>	<p>Shrub Shake <i>Students learn how full of life one single shrub can be.</i></p>
4	<p>River Creature Features <i>Students search for evidence that people and nature share many of the same needs/behaviors.</i></p>	<p>River Rocks Rock <i>Students examine rocks and learn how they are connected to other life.</i></p>	<p>Advice from Nature <i>Students think about nature giving advice to them.</i></p> <p>Discover the River <i>Students compare places to look for similarities and differences.</i></p>	<p>Notable Natives/Wicked Weeds for the River <i>Students learn about native plants and their enemies.</i></p>
	<p>Prairie Rattlesnake Respect <i>Students learn about rattlesnake biology and respect for the species.</i></p> <p>Oh Coyote (classroom) <i>Students learn about the biology and adaptability of the coyote, and the inter-dependence of coyote and rabbit populations.</i></p>	<p>Yucca Mystery <i>Students unravel a yucca mystery to learn about a mutualistic relationship.</i></p> <p>Prairie Rocks Rock <i>Students examine rocks and learn how they are connected to other life.</i></p>	<p>Prairie Dogs <i>Students observe PD behavior and compare it to their own</i></p> <p>Surveying Your Surroundings <i>Students look for similarities and differences within the habitat.</i></p>	<p>Notable Natives/Wicked Weeds of the Prairie <i>Students learn about native plants and their enemies.</i></p>

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5	River Busy Beavers <i>Students learn about beaver biology and search for signs of their presence.</i>	The Power of Water <i>Students discover erosion and deposition in action.</i>	The River is More than Water <i>Students learn that the influence of water is all around them.</i>	Birding by Habitat <i>Students take a bird walk, use binoculars and learn about birds of the riparian habitat.</i>
	Prairie Who Went There (Field or Classroom) <i>Students learn about prairie species and their signs.</i>	Day of the Dead, Non-Living and Living <i>Students discover the living, non-living and dead elements of the prairie in an investigation and game.</i>	Prairie Dogs <i>Students learn scientific ways to observe, record and measure data.</i>	Human Hogbacks <i>Students discover the geologic story of Fort Collins through an interactive demonstration and field sketching.</i>
6	River Is This an Ecosystem? <i>Students look for evidence of an ecosystem in 2 environments.</i>	Legendary Beavers <i>Students learn how the beaver's biology is linked with humans' history.</i>	Tree Key- in development	Wind- in development
	Prairie Plant Adaptations <i>Students will discover some of the amazing adaptations of prairie plants.</i>	The Food Chain Rally <i>Students follow clues to work through an evolving food chain.</i> Life Zone Investigation <i>Students collect data in the Pineridge life zone on plants, wildlife, soil moisture and topography.</i>	Geometry is for the Birds <i>Students use geometry to observe and identify birds in the distance.</i> Prairie Dogs <i>Students observe PD's and mathematically analyze behaviors.</i>	In development
7	In development, stay tuned.			