



Necedah National Wildlife Refuge

D.I.V.E. PROGRAMS

Discovery Infused Virtual Education

Join refuge rangers virtually for an introduction to an exciting refuge topic. Afterwards your family or class can explore nature or even visit the trails at the refuge with the provided outdoor activity! Groups have the option to also schedule a second virtual visit for a project wrap up and sharing.



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For more information or scheduling contact us at:

608-472-9203 or
hannah_stahl@fws.gov



NATIONAL WILDLIFE REFUGE SYSTEM

Necedah National Wildlife Refuge



Discovery Infused Virtual Education

Virtual Bird Identification



GRADE: K-1

After making a few basic observations, such as identifying the color, size, and shape, of a bird. Students will be able to use an age-appropriate *field guide* to identify common birds found in their backyard. Students will become familiar with basic steps on how to *sketch* a bird they see.

Objectives

1. Students will be able to list 3 clues to use when identifying birds (color, shape, size, habitat, behavior, etc.)
2. Students will be able to use color as a clue to identify 3 birds by common name found in backyards

Outdoor Activity:

Birdwatching Bingo

Duration: 30-40 minutes

Marvel at Monarch Migration



GRADE: K-3

Discover the four life stages (egg, caterpillar, chrysalis, and butterfly) along with timeline of the monarch butterfly life cycle. We will then explore the unique monarch butterfly super generation and its magnificent journey to Mexico.

Objectives

1. Students will be able to successfully sequence the butterfly life cycle.
2. Students will be able to identify which generation makes the long journey to Mexico.
3. Students will be able to name one way they can help monarch butterflies while they make their journey to Mexico.

Outdoor Activity:

Scavenger Hunt

Duration: 30-40 minutes

Where do Animals Live?



GRADE: K-1

How do animals choose where they live? All animals have four requirements when it comes to where they choose to live. Using a game, we will learn about where animals found at the refuge live and reinforce the concept that animals live in different places depending on their unique needs.

Objectives

1. Students will be able to identify two of the four requirements animals need to make a place their home (food, water, cover, and space).
2. Students will understand that depending on size, and special species adaptations, animal's habitat needs change.

Outdoor Activity:

Build a Fairy House

Duration: 30-40minutes

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The Wonders of Wetlands



GRADE: 2-3

Wetlands come in many depths and sizes. How do scientists know what a wetland is? We will explore the three criteria that make up wetlands, and their importance for wildlife and people. Students will take to the field and record observations of a wetland. There is an optional 2nd session where students can share the results of their outdoor activity.

Objectives

1. Students can identify two types of wetlands.
2. Students will remember two of the three requirements that make up a wetland
3. Students will understand two reasons why wetlands are important

Outdoor Activity:

Nature Journaling at A Wetland

Duration: 45 minutes

Discover the Way of the Wolf



GRADE: 2-3

Do you have a fascination with the way of the wolf? We will dive into the biology of wolves and the adaptations that make them an apex predator. Along the way, we will **learn** about identifying features of wolves and contrast the difference between them and commonly confused species.

Objectives

1. Identify 4 physical adaptations wolves have to collect and consume food
2. Successfully define physical adaptation
3. Identify 2 differences between a wolf and coyote
4. Recognize teeth differences in carnivores, herbivores, and omnivores.

Outdoor Activity:

Predator Prey Scavenger Hunt

Duration: 30-40 minutes

A Unique Treasure: Oak Savannas



GRADE: 4-5

What makes oak savannas unique? Together we will explore how oak savannas and how fire shapes their communities. Students will take to the field and record observations of an oak savanna. There is an optional 2nd session where students can share the results of their outdoor activity.

Objectives

1. Be able to recognize that oak savannas are a rare resource found in Wisconsin
2. Identify two plant adaptations plants in oak savannas have
3. Recognize that observations are made using multiple senses (sight, sound, touch, smell) and can be recorded in a nature journal.

Outdoor Activity:

Oak Savanna Nature Journaling

Duration: 45 minutes

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Can You Manage It?



GRADE: 4-5

What does it take to manage 43,000 acres of land for wildlife? Habitat management is complex and requires goals, and prioritizations. Through a game, students will get to participate in the decision-making process while learning about specific management tools biologists use at Necedah National Wildlife Refuge to keep lands and wildlife healthy.

Objectives

1. Students will be able to identify two management tools used at Necedah NWR.
2. Students will be able to associate two species of wildlife with their habitat.

Outdoor Activity:

Backyard Wildlife Habitat

Duration: 30-40 minutes

Careers in Natural Resources



GRADE: 9-12

Explore the real-world journey it takes to become a park ranger, wildlife biologist, or have a career in other related natural resource fields. Presenter will share his/her personal journey, share images, and stories of coworkers on the job, and then open it up to a question and answer session.

Objectives

1. Students will be able to identify at least two careers in natural resources.
2. Students will learn about ways to explore career interests.
3. Students will learn about the academic requirements in order to work in natural resources.

Outdoor Activity:

Visit Public Lands!

Duration: 45 minutes

Art of Waterfowl: Jr. Duck Stamp



GRADE: K-12

Enjoy the art and science of waterfowl. Learn about waterfowl types, behaviors, and habitats. Then students will learn basic sketching skills and start an art project. Finished art can be submitted to the Wisconsin Junior Duck Stamp Contest.

Objectives

1. Students will be able to correctly identify waterfowl habitat.
2. Students will be able to describe the difference between divers and dabblers.
3. Students will be able to use basic sketching skills.

Outdoor Activity:

Waterfowl Observation and Sketching

Duration: 45 minutes