

CLASSROOM OUTREACH PROGRAMS

Bring our **STEM experts** to your class and create memories for your students. We provide hands-on educational experiences that **make science come alive** and **foster a lifelong love for conservation**.



BASIC INFORMATION

- Presentation duration is 45 minutes to one hour.
- Programs are aligned with Nebraska Science Standards, Iowa Core, and Next Generation Science Standards.
- Discounts available for 4 or more classes.
- Because of the interactive nature of this program, **group size is limited to about 30 people**. For larger groups please schedule an assembly program.
- Three weeks' notice is required for an animal visit. We are sometimes able to schedule short notice programs without an animal, please call for availability.
- Animals that travel with the outreach programs include reptiles, small mammals, arachnids, amphibians, and even some endangered species.



OUTREACH TOPICS

EARLY LEARNERS

Animal Communication

How does a tiger say *I like you*? Roar and chuff like a tiger while learning the many ways that animals communicate. Find out why it is important for animals to communicate with each other by playing games, mimicking sounds, and touching and smelling animal artifacts.

Animal Movement

An ideal program for preschool and day care groups. Discover how animals move through story-telling, puppets, demonstrations, role-play, and live animals. Kids will get up and move around the room in a fun, interactive learning experience.

Bugs

Learn all about insects, arachnids and other bugs. We will make a giant balloon spider and practice catching prey in our giant spider web. By the end of the program students will have a new understanding of and appreciation for bugs.

Oceans, Habitats, Superpowers and Penguins programs also work well with early learners.



With sufficient notice, it is often possible for us to create a custom program for your specific topic. Please call or email if you have a request and we'll see if we can help.

ELEMENTARY

Animal Superpowers

Are superpowers real? Learn about the amazing abilities of animals and decide whether these abilities are superpowers or adaptations to the environment.

Habitats

Learn how animals survive in different habitats around the world through interactive activities, live animals, and Zoo artifacts. Discover that all living things need food, water, shelter and space to survive. Upon request, the program can focus on a specific habitat such as **Desert, Tundra, or Nebraska Native Species**.

Oceans

More than 70% of the earth is covered in oceans. Take an ocean voyage with the world's largest aquarium within a zoo. Explore the many fascinating creatures that live under water and discover the diversity of animal life from invertebrates to fish, reptiles and mammals.

Rainforests

Half of all species of plants and animals in the world can be found in the rainforest. Engage all the senses as you explore the sights, sounds and smells of this incredible region. Learn the layers of the rainforest and how you use products from the rainforest every day.

African Grasslands

Many of your favorite "zoo animals" are actually residents of the African Grasslands. Enter the land of elephants, giraffes, lions, and cheetahs. Learn about this unique environment, and how it is related to the grasslands here in the Midwest.

Penguins and the Tundra

Explore the adaptations that make penguins a unique and beloved animal. Discover the amazing adaptations of these birds, and learn about the traits that all birds have in common. Touch penguin feathers, mimic penguin behaviors, and compare yourself to some of the many species of penguin.

You and the Environment or "My Friend the Sea Turtle"

The choices you make every day impact the environment positively and negatively. From our own homes, we affect animals around the world. Learn how you can help sea turtles and become an advocate for wildlife around the world.



MIDDLE AND HIGH SCHOOL

Zoo Science Investigation

Students will apply the scientific method as they perform a fun animal and conservation-based investigation. In addition to topics in animal conservation, students will use their skills of data collection, math and scientific questioning as they dissect an albatross bolus. Only a small number of these programs are available per year, please book early to ensure availability.

Endangered Species: Politics, Economics and the Environment

Bring higher level thinking skills into the incredibly complex interdisciplinary world of protecting endangered species. How does an animal get recognized as an endangered species? Discover the role of political, economic and social issues in local and international conservation.

The Amur Tiger: A Case Study in Conservation

The Amur tiger is a critically endangered cat on the brink of extinction. Students will explore biological factors that affect populations of endangered species such as genetic diversity, bottlenecks, and habitat fragmentation. They will help create a species survival plan as they attempt to solve the complex issues that led to the decline of this species.

FOR MORE INFORMATION OR TO SCHEDULE AN OUTREACH,
please call (402) 738-2092 or email zoo2you@omahazoo.com.

