



Sarett Nature Center Traveling **Naturalist Programs**



Each program is 45 minutes for Kindergarten, and up to an hour for all other grades. Teachers must be present in the room during the program. Maximum group size of 30 is preferred, groups of 25 or fewer are recommended for Kindergarten classes.



ANIMAL ADAPTATIONS (Grades K-6)

Sarett naturalists will bring a variety of animal ambassadors and touch items to discuss animal adaptations.

K-LS1-1 K-ESS3-1 1-LS1-1 2-LS4-1 4-LS1-1 4-LS1-2 MS-LS2-1 MS-LS2-4 MS-LS1-4



CREEPING CRAWLERS (Grades K-6)

Students will learn about insects and spiders with this interactive lesson that utilizes costumes and visits with hissing cockroaches, mealworms, crickets, and a tarantula.

K-LS1-1 K-ESS3-1 1-LS1-1 2-LS2-2 2-LS4-1 3-LS1-1 4-LS1-1 4-LS1-2 MS-LS2-1 MS-LS2-4 MS-LS1-4



FEATHERED FRIENDS (Grades K-5)

Feathers, beak, feet, nests, eggs, food, migration, songs, camouflage, birds of prey – there is much to learn about birds! Become a bird watcher!

K-LS1-1 K-ESS3-1 1-LS1-1 2-LS4-1 4-LS1-1 4-LS1-2



BIRDS AND BIRD MIGRATION (Grades 5-8) *seasonal

Learn about the adaptations that make a bird a bird. Students will track bird migration on eBird or weather radar. Take a walk around the school to learn how to look for birds with binoculars and start a bird journal.

5-PS3-1 5-ESS3-1 MS-LS1-7 MS-LS2-1 MS-LS2-3 MS-LS2-4 MS-LS2-2



OWLS (Grades K-6)

Students will visit with some of Sarett's resident owls to learn about their adaptations. Hands-on activities (including pellet dissection) will allow them to discover a bit more about the body structure and diet of owls.

K-LS1-1 K-ESS3-1 1-LS1-14-LS1-1 4-LS1-2 MS-LS1-7 MS-LS2-1 MS-LS2-4 MS-LS2-2 MS-LS1-4



BIRDS OF PREY (Grades K-8)

Learn the natural history and adaptations of birds of prey (hawks, vultures, owls, osprey, and falcons) and meet some of our live bird ambassadors. A naturalist will present the birds of prey and teach about their natural habitat, individual history, and the importance of these amazing animals. For small groups we can also discuss how birds form pellets and then complete a dissection of provided barn owl pellets.

K-LS1-1 K-ESS3-1 1-LS1-12-LS4-1 3-LS1-1 4-LS1-1 4-LS1-2 MS-LS1-7 MS-LS2-1 MS-LS2-4 MS-LS2-2 MS-LS1-4



REPTILE ROUNDUP (Grades K-6)

Students will learn about the anatomical and physiological differences between reptile species by interacting with our live reptile animal ambassadors and examining snake skins and turtle shells.

K-LS1-1 K-ESS3-1 1-LS1-1 2-LS4-1 3-LS1-1 4-LS1-1 4-LS1-2 MS-LS2-1 MS-LS2-4 MS-LS1-4



SNEAKY SNAKES (Grades K-6)

What makes a snake a snake? Students will get to measure the lengths of the largest snakes as well as discuss the difference between venomous and non-venomous snakes. There will also be the option to hold or pet a snake ambassador or a snake skin.

K-LS1-1 K-ESS3-1 1-LS1-1 2-LS4-1 3-LS1-1 4-LS1-1 4-LS1-2 MS-LS2-1 MS-LS2-4 MS-LS1-4



TOTALLY TURTLES (Grades K-6)

Learn about our reptile friends with mobile homes. Students can meet our turtle ambassadors to learn about different species and their adaptations to different ecosystems. We'll end with a review game.

K-LS1-1 K-ESS3-1 1-LS1-1 2-LS4-1 3-LS1-1 4-LS1-1 4-LS1-2 MS-LS2-1 MS-LS2-4 MS-LS1-4



STUDY OF SKULLS (Grades 2, 3, 4, 5)

What can a biologist learn about an animal by looking at its skull? Students will learn how biologists examine skull structures to deduce information about animal adaptations. They will then move through activity stations to study sample skulls.

2-LS4-1 4-LS1-1



PROTECTIVE COLORATION (Grades K-5)

Students will learn about types of protective coloration and try to find animals hidden in photographs. They will design and place creatures in their classroom habitat before becoming hungry "predators" looking for food.

K-LS1-1 1-LS1-1 2-LS4-1



ROCKS ON THE GO (Grades 4, 5, 6)

Students will learn about rock formation process and view different samples of rocks. They will practice sorting rocks and then play a review game to “cement” their knowledge.

4-ESS1-1 MS-ESS2-3



FOSSILS (Grades 3, 4, 5)

Students will learn about the process of fossilization, use fossils to describe Michigan’s earliest environment and then sort a box of fossils into various biologic categories.

3-LS4-1 4-ESS1-1 4-ESS1-1 MS-LS4-2



FLOWER FUN (Grades K-6)

Students can learn about plant structures and functions with an interactive lesson that uses a costume and flower specimens. They will dissect actual flowers to examine their structures. Upper elementary students can focus on the unique characteristics of carnivorous plants.

K-ESS3-1 1-LS1-1 2-LS2-2 2-LS4-1 4-LS1-1 5-LS1-1 MS-LS1-6 MS-LS1-4



WINTER ECOLOGY AND SNOWSHOE HIKE (Grades 4-8)

Students will learn how snow crystals form and how animals deal with winter conditions then set out on a snowshoe hike to look for animal tracks. Additional information and a review game about preparedness and winter survival for humans can also be provided.

4-ESS2-1 MS-LS2-1 MS-LS2-3 MS-LS2-4



YOU AND YOUR ENVIRONMENT (Grades K-5 or 6-8)

Learn about how humans affect the environment and possible solutions to prevent further impact. Play a game that demonstrates the need to reduce, reuse and recycle. Classes can construct desktop compost cups to witness nature's ability to recycle resources (list of needed materials will be provided to teacher). Older students will further explore human impact by observing how pollutants can move throughout a model watershed.

K-ESS3-3 2-ESS2-2 3-LS4-4 5-LS2-1 MS-ESS3-3 MS-ESS3-4 MS-ETS1-1