

SCHOOL PROGRAMS ONSITE: 2ND TO 3RD GRADE

PROGRAM INFORMATION

UNLESS OTHERWISE NOTED:

MAX: 75 students max/program
 PROGRAM FEE (RESIDENT): \$5.00/person
 NON-RESIDENT: \$5.75/person
 MINIMUM FEE: \$75.00/program
 LENGTH: 1.5 hours in/outdoor
 LOCATION: ANSC

NOTES:

1 – Available as an outreach program
 2 - At Sheffield Ed. Center, Barton Springs
[MAP](#) (50 students max)
 3 – At Pease Park
[MAP TO PEASE PARK](#)

MENU OF PROGRAMS

Austin Wildlife	Fossils and Faults ³
Bats, Bats, Bats ¹	Sun, Earth, Moon – Oh, My! ¹
Incredible Insects ^{1,2}	Wild About Wildlife ¹
Owls and Other Birds ¹	
Pond Study	
	Program Registration Form



AUSTIN WILDLIFE

Enjoy a hike in our nature preserve to explore its diverse ecosystems. Use simple tools to safely gather information while you explore our meadows and ponds. Meet live animals in the classroom and discuss their unique adaptations for survival, then use them to describe a food web that might exist in your neighborhood. Discover the interdependence of living and non-living things in Central Texas ecosystems. Dress for outdoor weather and wear shoes appropriate for hiking.

TEKS 2: 9a, b, c and 10a; 3: 9a, b, c and 10a



BATS, BATS, BATS

See a furry live bat up close in the classroom. Observe his behavior – see him wiggle his ears. Explore the important roles bats have in their ecosystem. Play a Bat Habitat game that involves making decisions that will determine your team's bat colony survival. Classify bats as micro-bats or mega-bats and predict where they might live. Learn some safety tips for being around bats in Austin.

TEKS 2: 9a, b, c and 10a; 3: 9a, b, c and 10a

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INCREDIBLE INSECTS

Some insects live on land, some fly in the air and some swim in the water. Use nets to collect insects and magnifiers to look at them closely. Discover the difference between complete and incomplete metamorphosis and see examples of both along with other groups of live arthropods. Participate in an activity to learn how entomologists use a dichotomous key to identify different insects.

TEKS 2: 9a, b, c and 10a; 3: 9a, b, c and 10a, c

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OWLS AND OTHER BIRDS

Observe the behavior and characteristics of a live screech owl in the classroom and compare the owl to a dove and quail. Use a magnifier to examine feathers and compare a bird bone to a mammal bone. Learn to use binoculars to observe the wild birds in our bird sanctuary. Beaks are tools for birds; discover how different beaks indicate what a bird eats and where it lives. Learn why there are state and federal laws that protect birds.

TEKS 2: 9a, b, c and 10a; 3: 9a, b, c and 10a

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POND STUDY

Crawlers, climbers, divers, rowers, skaters and swimmers all live in our ponds. Look for them under a rock or on a leaf and collect them with a net for a closer look in the lab. Use magnifiers to examine the characteristics of the collected aquatic creatures and identify them. Meet some live animals in the classroom to discover their role in the pond habitat. Discuss the elements of a pond food chain. Measure the temperature and clarity of pond water. Compare the ecosystem of a man-made pond with a natural pond in the preserve.

TEKS 2: 9a, b, c and 10a; 3: 9a, b, c and 10a, c

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FOSSILS AND FAULTS

Explore the banks of Shoal Creek in historic Pease Park. Discuss the forces of erosion and deposition and find evidence of both as we hike through the park. Scramble down to the stream bed to observe rock layers and faulting that created the Balcones Fault Zone. Sequence events in geologic history based on patterns in the rock layers. Search for, identify, and take home a cretaceous fossil. Learn about the careers of paleontologists and geologists. Dress for the weather and wear hiking shoes. Please let us know if there are children with special needs as there is hiking on a gravel path and climbing up and down an embankment.

TEKS 2: 7a; 3: 6a and 7a, b

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SUN, EARTH, MOON- OH MY!

See a model of the night sky as we crawl into the StarLab, an inflatable planetarium, to view patterns that form the constellations. Learn how astronomers use these patterns to guide them in exploring our universe. Discuss the life cycle and characteristics of stars like our sun. Participate in an activity that demonstrates the cycles of days, the moon, and seasons. Hike through a size and distance scale model of our solar system. Play a game comparing the sizes of planets, moons and other celestial bodies.

TEKS 2: 8d; 3: 8b, c, d

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WILD ABOUT WILDLIFE

Compare the soft fur of a live rabbit to the coarse feel of javelina fur. Compare the characteristics of the rabbit with those of a live ferret. Observe evidence of inherited traits between mother mice and their babies. Touch a lizard, turtle, and snake and explore the tradeoffs of scales versus fur. Observe live birds and sort different feathers by their uses. Explore animal characteristics that contribute to their survival in their ever-changing environments.

TEKS 2: 9a, b, c and 10a; 3: 9a, b, c and 10a, b

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