

# SCHOOL PROGRAMS OUTREACH: 4<sup>TH</sup> TO 6<sup>TH</sup> GRADE

## PROGRAM INFORMATION

MAX: 100 students max/program

### PROGRAM FEES

AUSTIN RESIDENT: \$7.00/person

NON-RESIDENT: \$8/person

MINIMUM: 15 students min/program

LENGTH: 2 hours in/outdoor

## MENU OF PROGRAMS

<a href="#">Awesome Astronomy</a>	<a href="#">Texas Endangered Animals</a>
<a href="#">Animal Adaptations</a>	
	<a href="#">Program Registration Form</a>



### AWESOME ASTRONOMY

Explore the wonders of the night sky inside our inflatable planetarium, StarLab. Each night the moon appears in the sky looking a little different. After investigating the moon's phases, predict the moon's appearance tomorrow night. Identify patterns in the night sky that have guided people throughout history and still guide astronomers today. Walk from the sun through the inner planets, through the asteroid belt, to where the outer planets begin without leaving ANSC. Compare the size, mass and temperature of planets, moons and other celestial bodies in a game that models the solar system. Explore the life cycles of stars and discover where our sun is in its cycle.

TEKS 4: 8c;      5: 8c, d



## ANIMAL ADAPTATIONS

Touch a turtle, stroke a snake, pet a rabbit, feel a ferret while observing similarities and differences between groups of animals. Watch animal behavior in the classroom and differentiate between inherited traits and learned behaviors. Examine furs, feathers, scales, skulls, and bones to discover ways animals have adapted to increase their chances of survival. Take a guided tour of our sanctuary for injured wildlife and hear the stories of our residents.

TEKS 4: 9a, b and 10a, b, c;

5: 9a, b, c and 10a, b

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## TEXAS ENDANGERED ANIMALS

When you think of endangered species, you might evoke images of Asian elephants, jaguars, giant pandas, and animals far away, but there are animals in danger of extinction in our own backyard. Evaluate what choices you can make to help protect the species of Central Texas and their habitat. Explore reasons why wildlife might not be able to survive in its current environment and model solutions to problems like human impact, loss of habitat, disease, and reduced ability to find food. Investigate how animals occupy ecological niches, the interdependence of living organisms, and the significance of extinction. Describe physical and learned adaptations enable survival and explore reasons why wildlife might not be able to survive in its current environment. Students analyze and conduct reasonable explanations for wildlife survival and interpret how each individual can make a positive difference in our ecosystem. Live program animals are used to represent some of the local threaten and endangered species.

TEKS 4: 9a, b and 10a, c;

5: 9a, b, c and 10a, c

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