

PUEBLO ZOO Elementary Education Programs for Pueblo City Schools 2011-2012

Let us give you ideas about how to use the Zoo to help your students meet many *Colorado Life Sciences Standards*. Click on the program link on the Education Page to download a Program Packet containing information, vocabulary, and classroom activities.

PROGRAM & ADMISSION FEES 2011-2012

	First 200 programs	Additional programs (after first 200)
September 1 through April 14		
Program at School	free	\$2/student
Program at Zoo	free	\$2/student
Discovery Room without Zoo classroom program*	free	\$2/student
Discovery Room with Zoo classroom program*	free	free
Admission-Students	free	\$2/student
Admission-Adults/Siblings	regular rate**	regular rate**
April 15 through August 31		
Program at School	\$2/student	\$2/student
Program at Zoo	\$2/student	\$2/student
Discovery Room without Zoo classroom program*	\$2/student	\$2/student
Discovery Room with Zoo classroom program*	free	free
Admission-Students	\$2/student	\$2/student
Admission-Adults/Siblings	regular rate**	regular rate**

Programs supported by a grant from Pueblo City Schools.

*Discovery Room must be reserved in advance. ** Inquire about group rates.

First 200 programs FREE!

For more information or to schedule:

CALL (719) 561-1452, ext 125

PUEBLO ZOO Elementary Education Programs 2011-2012

Kindergarten **Animal Encounters**

Life Sciences Standard 1: Living things have characteristics and basic needs.

Observe small animals up close and learn how their physical characteristics help them survive. This 30-minute program can be presented at the school or in the Zoo classroom.

1st grade **Animal Coats and Colors**

Life Sciences Standard 2: An organism is a living thing that has physical characteristics that help it survive.

Identify animals and use evidence to classify them into groups. Learn how animals are "dressed" for survival. This 45-minute program challenges students' observation skills. It can be presented at the school or in the Zoo classroom.

2nd grade **Food Chains – African Savannah**

Life Sciences Standard 1: Organisms depend on their habitat's nonliving parts to satisfy their needs.

Life Sciences Standard 2: Each plant or animal has different structures or behaviors that serve different functions.

Follow the movement of energy through African Savannah food chains and learn about animals' adaptations for survival. This 60-minute program can be presented at the school or in the Zoo classroom.

3rd grade **Animal Growth and Development**

Life Sciences Standard 1: The duration and timing of life cycle events such as reproduction and longevity vary across organisms and species.

Follow the life cycles of a variety of insects, amphibians, reptiles, birds, and mammals from hatching or birth to adulthood. Learn about altricial and precocial babies and more. This 60-minute program can be presented at the school or in the Zoo classroom.

4th grade **Vertebrates and Their Adaptations for Survival**

Life Sciences Standard 1: All living things share similar characteristics, but they also have differences that can be described and classified.

Week 1 (in the school classroom)

Herps. After a brief introduction to animal classification, meet some amphibians and reptiles and learn about their characteristics.

Week 2 (in the school classroom)

Birds. Learn what makes birds unique, and look at feet and beak adaptations.

Week 3 (in the school classroom)

Mammals. Identify adaptations that contribute to mammal diversity.

Week 4 (at the Zoo)

Food Chains. (In the Zoo classroom)

Learn to identify some of Colorado's animals and follow the movement of energy through Colorado food chains.

Guided Zoo Tour.

Take a culminating tour of the Pueblo Zoo, along the way reviewing animal classification and vocabulary, identifying different habitats, determining whether an animal is predator or prey, and looking at the animals' unique survival characteristics.

5th grade **Animals with Backbones**

Life Sciences Standard 1: All organisms have structures and systems with separate functions.

This hour-long program provides a brief hands-on review of vertebrate classification and the unique survival characteristics of fish, amphibians, reptiles, birds, and mammals. Best presented at the Zoo.

Also available:

Amazing Arthropods (for 1st and 2nd grades): Observe insects and their relatives up close. This 45-minute program addresses diversity, adaptations, social behavior, and common human misconceptions.

Penguins Up Close (for 1st and 2nd grades): Observe our African Black-Footed Penguins swimming, diving, walking, and playing, and discuss their adaptations for a watery lifestyle.

Penguin World (3rd grade only): Spend 30 minutes in the Zoo classroom learning about penguins, where they are found, and how humans are impacting their habitats and survival; then spend 30 minutes in the Zoo's African Black-Footed Penguin Exhibit.

The Rainforest (2nd grade only): Spend 30 minutes in the Zoo classroom and 30 minutes exploring the Zoo's own rainforest habitat. Compare and contrast habitats with those of penguins and naked mole rats.

Animals in Winter (5th grade only): An introductory program at the school encourages students to think about where Zoo animals come from and what they might need to survive winter in Pueblo. This is followed by a 4-hour program at the Zoo that includes a behind-the-scenes Zoo tour.

Bats Beyond Belief, Owls of Colorado, and Wolves (4th and 5th grades only): Dependent on docent or staff availability.