

## Program Offerings

(Available for Zoo to You, Virtual Zoo to You and Zoo Safari)

### Amazing Adaptations

Why do tigers have such big teeth? How far can an owl twist its head? In this program, discover how animals survive in their environments using specifically developed body parts or behaviors known as adaptations.

**Target Age/Grade: Pre-K through high school**

NYSSLS: P-LS1-2

NGSS: 1-LS1-1; 2-LS4-1; 3-LS2-1; 3-LS3-2; 3-LS4-3; 3-LS4-4; 4-LS1-1; MS-LS1-4; MS-LS4-4; MS-LS4-6; HS-LS1-2; HS-LS2-8; HS-LS4-2; HS-LS4-3

### Animal Coverings

Why are birds covered with feathers? Why do turtles have shells? Learn about the different types of coverings, the animals that have them, and how it helps them to survive.

**Target Age/Grade: Pre-K through 1st grade**

NYSSLS: P-LS1-1

NGSS: 1-LS1-1

### Animal Enrichment

Have you ever wondered if animals get bored like humans do? Explore different tools that the zoo uses to enrich the lives of the animals that call it home. You can also learn how to enrich the lives of animals that live in and around your home.

**Target Age/Grade: Ages 12 and up**

NGSS: N/A

### Animal Movement

Animals rely on different parts of their body to move, which aids in their survival. Learn about the different body parts of animals and even see a few zoo animals move in unique ways. In a fun activity, children can learn how to move their own bodies to mimic the movements of animals!

**Target Age/Grade: Pre-K through 1st grade**

NYSSLS: P-LS1-2

NGSS: 1-LS1-1

## **Animal Myths Busted!**

Can an owl turn its head all the way around? Do porcupines shoot their quills? Can turtles leave their shells? Find out by joining us as we present and analyze some myths and misconceptions about animals found at the zoo!

### **Target Age/Grade: Pre-K through 4th**

NYSSLS: P-LS1-2

NGSS: 1-LS1-1; 3-LS2-1; 3-LS3-2; 3-LS4-2; 4-LS1-1

## **Animal Needs**

Why don't wild animals make good pets? While some animals live with people and rely on people to take care of them, wild animals must search for food, water and shelter to survive. Explore the differences between domestic pets and animals in the wild – and discover how you can become a better pet owner.

### **Target Age/Grade: Kindergarten**

NGSS: K-LS1-1; K-ESS3-1

## **Animal Senses**

Animals move and use their senses just like we do. See for yourself how different animals move, smell, hear, and feel while using a few of your own senses to learn how they survive in the wild!

### **Target Age/Grade: Pre-K**

NYSSLS: P-LS1-2

NGSS: N/A

## **At Home in My Biome**

Grasslands, deserts, forests...these are just some of the places our animals call home. Discover more about biomes and how their qualities determine what animals live there. This program is great for all ages.

### **Target Age/Grade: K through high school**

NYSSLS: P-LS1-1

NGSS: K-ESS3-1; 2-LS2-2; 2-LS4-1; 3-LS2-1; 3-LS4-3; 3-LS4-4; 4-LS1-1; 5-LS1-1; 5-ESS3-1; MS-LS2-1; MS-LS2-4; MS-LS4-6; MS-ESS3-3; HS-LS2-1; HS-LS2-6; HS-LS2-7; HS-LS2-8; HS-LS4-2

## **Beastly Builders**

From dens to dams, holes and hives, animals have different ways of finding and making shelter. Explore many types of the homes animals build in the wild and how we re-create them here at the Rosamond Gifford Zoo.

### **Target Age/Grade: Kindergarten**

NGSS: K-ESS2-2; K-ESS3-3

## **Conservation in Action**

Less than 10% of wildlife exhibitors in the US are accredited by AZA (Association of Zoos & Aquariums) institutions, meeting the highest standards of animal care and welfare. Watch conservation in action right here at the Rosamond Gifford Zoo as we participate in efforts to protect some of the world's most endangered species.

### **Target Age/Grade: 4 – high school**

NGSS: 3-LS3-2; 3-LS4-3; 3-LS4-4; 4-LS1-1; 5-LS2-1; 5-ESS3-1; MS-LS2-1; MS-LS2-3; MS-LS2-4; MS-LS2-5; MS-LS4-4; MS-ESS3-3; HS-LS2-1; HS-LS2-2; HS-LS2-6; HS-LS2-7

## **Going Native**

While New York state might not have large and impressive wildlife like elephants and lions roaming the countryside, the wildlife that can be found here is still diverse and interesting to learn about. The animals we share our neighborhoods with can give us brief glimpses into the world around us.

### **Target Age/Grade: K-3rd Grade**

NGSS: K-ESS3-1; 2-LS4-1; 3-LS3-2; 3-LS4-4

## **Grossology**

From penguin poop to vulture vomit, the zoo can be a pretty gross place! We will explore the icky, yucky, gross side of working with animals, and find out why a little ickiness can be a good thing!

### **Target Age/Grade: Grades 1-4**

NGSS: 1-LS1-1; 3-LS4-3; 4-LS1-1

## **Life Cycles**

What changes happen when animals grow? Many animals go through a series of changes from birth to death. Students will compare a variety of animal life cycles and learn what changes occur between their phases.

### **Target Age/Grade: Pre-K through high school**

NYSSLS: P-LS3-1

NGSS: 1-LS1-2; 1-LS3-1; 3-LS1-1; 3-LS3-1; MS-LS1-4; HS-LS1-4

## **Oceans of Possibilities**

Did you know that 94% of life on Earth comes from the ocean, yet more than 94% of the Earth's oceans have yet to be explored? Discover the wonders of the deep in this unique program as we get up close and personal with some of our very own aquatic animals.

### **Target Age/Grade: Pre-K through high school**

NYSSLS: P-LS1-2

NGSS: 1-LS1-1; 2-LS4-1; 3-LS2-1; 3-LS3-2; 3-LS4-3; 3-LS4-4; 4-LS1-1; MS-LS1-4; MS-LS4-4; MS-LS4-6; HS-LS1-2; HS-LS2-8; HS-LS4-2; HS-LS4-3

## **OOKY SPOOKY Animals!**

Why do we cuddle a teddy bear yet fear a tarantula? What creepy creatures are you afraid of? What makes them scary and gross actually helps them to survive and protect themselves. Find out why we need these important species in the world and maybe they will become less frightening to you along the way!

### **Target Age/Grade: K-3**

NGSS: 1-LS1-1; 3-LS4-3

## **Predator vs. Prey**

What is a predator? What is a prey? Learn how the ability to get food and avoid becoming food is linked to survival. Meet both types of animals here at the Rosamond Gifford Zoo.

### **Target Age/Grade: Pre-K through high school**

NYSSLS: P-LS1-1

NGSS: K-LS1-1; K-ESS3-1; 3-LS2-1; 3-LS4-2; 3-LS4-4; 4-LS1-1; 5-PS3-1; 5-LS2-1; MS-LS2-1; MS-LS2-3; MS-LS2-4; MS-LS4-4; HS-LS2-1; HS-LS2-2; HS-LS2-6; HS-LS4-2

## **Rainforests**

Tropical rainforests are one of the most diverse environments on earth, with over half of our known plant and animal species residing there. In this program, you will explore the layers of rainforest and the animals that inhabit them. Learn how humans depend on this unique habitat.

### **Target Age/Grade: 4 – high school**

NGSS: 3-LS3-2; 3-LS4-3; 3-LS4-4; 4-LS1-1; 5-LS2-1; 5-ESS3-1; MS-LS2-1; MS-LS2-3; MS-LS2-4; MS-LS2-5; MS-LS4-4; MS-ESS3-3; HS-LS2-1; HS-LS2-2; HS-LS2-6; HS-LS2-7

## **Scary Species**

Snakes, spiders and scorpions – OH MY! Meet some real-life animals that inspire creepy creatures in some of your favorite movies and stories. Join us as we discuss some creepy crawlies and crazy critters that make scary stories chill us to the bone and discover the misconceptions about them.

### **Target Age/Grade: 3rd– high school**

NGSS: 4-LS1-1; MS-LS4-6

## **Species Survival**

Why do animals become endangered or extinct? How are AZA accredited institutions, like the Rosamond Gifford Zoo, helping to save animals from extinction? Discover what part humans play and how you can help.

### **Target Age/Grade: 3rd– high school**

NGSS: 3-LS4-1; 3-LS4-4; 5-LS2-1; 5-ESS3-1; MS-LS2-1; MS-LS2-2; MS-LS2-4; MS-ESS3-3; HS-LS2-1; HS-LS2-2; HS-LS2-6; HS-LS2-7; HS-LS4-6

## **The Scoop on Poop**

All animals poop! Here at the zoo, we have many species that all have their own way of doing their business. From nesting to seed spreading, fertilization to food, learn the reasons why pooping is important.

### **Target Age/Grade: 1st – middle school**

NGSS: 1-LS1-1; 4-LS1-1; 5-PS3-1; 5-LS2-1; MS-LS2-3

## **Tracking**

Join us as we explore the clues left behind by animals as they go about their lives. We will also investigate the many ways tracking animals can help us learn about identification, behavior and conservation.

### **Target Age/Grade: 1st – middle school**

NGSS: 1-LS1-1; 4-LS1-1; 5-PS3-1; 5-LS2-1; MS-LS2-3

## **Wild Careers!**

Have you ever thought about working at the zoo? From education to zoo keeping, there is something for everyone here! Explore all professional options at the zoo and learn how you can get others “close enough to care.”

### **Target Age/Grade: Ages 12 and up**

NGSS: N/A

## **Winter Warriors**

How do some of your favorite animals survive in the wintertime? Learn how some animals adjust to the cold, how some avoid it, and how others thrive and enjoy it. You may be surprised at just how many animals at the Rosamond Gifford Zoo love the snow!

### **Target Age/Grade: Pre-K- High School**

NGSS: K-LS1-1; K-ESS3-1; 1-LS1-1; 3-LS4-2; 3-LS4-3; 3-LS4-4; 4-LS1-1; 5-PS3-1; MS-LS2-4; MS-LS4-4; MS-LS4-6; HS-LS1-3; HS-LS2-2; HS-LS4-2; HS-LS4-3

NYSSLS: P-LS1-1; P-LS1-2

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### ***Questions or to Reserve a Program:***

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**Virtual Zoo to You:** call (315) 435-8511 x8531 or e-mail: [VirtualZTY@rosamondgiffordzoo.org](mailto:VirtualZTY@rosamondgiffordzoo.org).

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