



Riverside Reptiles Education Center

Your NGSS Connection



Virtual Programming: Middle School Science

Welcome to Riverside Reptiles Education Center (RREC). Our new education facility is located at 132 South Road in Enfield, CT. While navigating through this challenging time, we have moved our traveling programs to virtual learning. We use a variety of virtual platforms: Zoom*, Google Meets, Microsoft Teams, FB Live! (*Zoom is preferred)

Our Education Director, Teralyn is a certified teacher in CT. She has created a variety of programs that meet Next Generation Science Standards. We can also customize a lesson for you too. We are confident that you will find everything you'll need for an engaging virtual field trip or fun enrichment for your students. Keep reading to learn how you can invite our animals into your classroom today.

Email us: rreceducation@yahoo.com

Virtual Pricing:

30 minute session ~ 5 animals* \$125

45 minute session ~ 7 animals* \$150

**Meet live animals virtually; scavenger hunt included to be used during or after the session*

Extensions:

30 minute session + Themed Lessons ~ \$150**

***same as above with lessons emailed for you to use anytime. NOT taught during the session. All meet NGSS.*

Recorded session ~ \$200-\$225***

****Choose 30 or 45 minutes, record your session, use at a later date, choose from topics below, or customize one.*



RREC Areas of Study ~ all meet NGSS

Adaptations: *In Order to Survive*

Grades: 6-8

Mimicry, pseudo eyes, migration and prehensile tails are some of the unique adaptations that help animals survive in their environments. Your students will meet live animals and view the adaptations that they have to support their survival. This class will touch on genetic variation, natural selection and evolution. NGSS: LS1.A/B, LS4.B/C

Animal Behavior: *Life Cycles*

Grades: 6-8

Animals rely on food, light, water and space in order to survive. This program will focus on how environmental & genetic factors influence growth & development. Your students will observe various ectothermic animals and discover how different conditions, such as color, size and nesting habits may affect their reproductive rates & life cycles. Students will get face to screen with a young alligator and other reptiles/amphibians that call RREC home. NGSS: LS1.A/B, LS2.A/C, LS4.B/C

Endangered Species: *Vanishing Wildlife*

Grades: 6-8

Habitat destruction, poaching, air pollution and climate change are a few things changing ecosystems today. Once the physical & biological components of an ecosystem are affected, changes in populations occur. In this virtual class, your students will meet endangered animals and learn what conservation efforts are being made to support their survival. Our actions today, can affect their tomorrow. NGSS: LS1.A/B, LS2.B/C, LS3.A, LS4.A/B/C

Food Webs: *Producer, Consumer or Decomposer?*

Grades: 6-8

In this virtual session, your students will analyze the world of food webs. Learn the importance of living and nonliving parts of an ecosystem and how every living thing is connected. View animals that will grow to be apex predators and unlucky animals that get eaten. This program highlights the diversity of food chains in the animal kingdom. NGSS: LS1.A/B/C, LS2.A/B, LS3.A/B, LS4.B/C

Habitats: *Biomes, Niches, Ecosystems*

Grades: 6-8

What role does an animal's home play in their survival? In this virtual session, your students will learn what traits support successful survival and reproduction rates. They will be able to explain how adaptations tie into an animal's habitat. Animals from different habitats from around the world will be viewed. NGSS: LS1.A/B, LS4.B/C

Native Wildlife: *In Your Own Backyard*

Grades: 6-8

Get up close with a Northern Copperhead and learn the other venomous snake to call CT & MA home. Explore the characteristics of various turtle species and learn how genetic factors can play a role in color variations among species. This program features wildlife that can be observed in both states. NGSS: LS1.A/B, LS4.B/C

Reptiles & Amphibians: *Ectothermic Animals*

Grades: 6-8

How do reptiles and amphibians differ? Who evolved first? Which group of animals has lived on earth longer and why? In this session, students will explore the wonderful world of reptiles and amphibians and the various adaptations that make each special and diverse. NGSS: LS1.A/B, LS4.B/C

Senses & Defenses: *Only the Strong Survive*

Grades: 6-8

Do you know which snake mimics the deadly coral snake? How about an animal, other than a snake that uses venom as a means of defense? Just like humans, animals rely on their senses for survival. They also need special defenses to protect themselves if they are in danger. In this virtual program, your students will view live animals that have exceptional senses used to communicate and how their defenses evolved to protect themselves from predation. NGSS: LS1.A/D, PS4.B

Career Day Presentation

Grades: 6-8

This session will give your students the opportunity to learn about what it is like to work in this animal related field. It will feature a member of our education team, as well as one of our keepers. Each presenter will have an animal to discuss with your students and how they interact with the animal. They will also focus on their daily routine.

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