

Dear Educators,

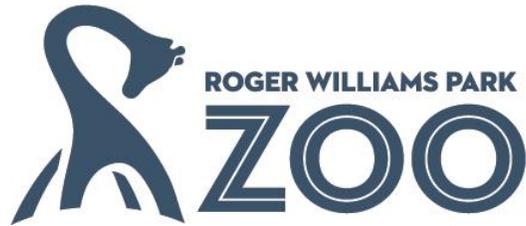
Roger Williams Park Zoo has always offered opportunities for students to learn about the world around them. Even though the Zoo is currently closed, we wanted to keep that learning going and find ways to keep students making connections and discoveries about the world around.

Using our Zoo School video segments and Paws for a Minute PBS videos, we have created some activities to help your students continue learning at home. These activities are meant to compliment your life science lessons and to help your students to become focused observers.

We hope these activities are beneficial to your distance learning efforts and we look forward to seeing you back at Roger Williams Park Zoo soon!

Sincerely,

The Education Staff at Roger Williams Park Zoo



Grade 2 Next Generation Science Standards

With these activities, second graders can dig deeper into the following Disciplinary Core Idea of the Next Generation Science Standards:

- LS4.D Biodiversity and Humans- There are many different kinds of living things in any area, and they exist in different places on land and in water

In addition, the students can use the information obtained to help meet the following Performance Expectation of the Next Generation Science Standards:

- 2-LS4-1: Make observations of plants and animals to compare the diversity of life in different habitats

Activities

Activity 1

Students will watch videos of 4 different rainforest animals from Roger Williams Park Zoo. Then the students will fill out a scientist observation form for one of the animals that they observed.

Activity 2

Students will re-watch the videos of the rainforest animals and then create their own rainforest animal. Students will draw a diagram of their new rainforest animal and then write about it.

Activity 3

Students will compare and contrast their new rainforest animal to a rainforest animal that they observed in one of the videos.

Activity Extensions

Research:

1. Have the students choose a habitat that they want to know more about and have the students research that habitat. Have the students use their research to write an explanatory text on their habitat.
2. Have the students research an answer to their "I wonder" questions from the first activity.

Journal Prompts:

Have the students respond to one of the following journal prompts:

1. If you could live in any habitat what habitat would you choose and why? How would you adapt to your life there? What would you miss most about your home?
2. Choose a habitat and an animal that lives there. Write about what your day would be like if you were that animal (i.e." A Day in the Life of a Camel in the Desert").

Art Connection:

1. Have the students create a visual representation of the habitat that they researched. Their visual representation should include the variety of plants and animals that live in that habitat.
2. Have the students create a model of their new rainforest animal using recycled materials from their house.

Online Games:

1. Build an Online Habitat:

<http://www.switcheroozoo.com/games/habitatgame.htm>

2. Online Habitat Match-up Game:

<http://www.scholastic.com/magicschoolbus/games/habitat/>

Family Connection:

Families can participate in a Citizen Science project to investigate the diversity of life in their own backyards. Citizen Science projects are a way for students and families to gather and contribute data to ongoing, real world projects.

Here are some projects students and families can get involved in:

- Journey North:

<https://journeynorth.org/projects>

- iNaturalist- Contribute to diversity data in your own backyard:

<https://www.inaturalist.org/>