

## **Forever Wild Exotic Animal Sanctuary Project Kit**

Congratulations! You're going to Forever Wild Exotic Animal Sanctuary! Use these project ideas to enrich your educational experience in the park. Read through them before you go to make sure you understand the terms and concepts, and to help you determine if you want to expand upon any of them. **You'll find fun facts and printable worksheets at the end of this packet.**

a- elementary level activity    b- middle school level activity    c- high school level activity

### **Language Arts**

Animals have language, too! Take some time to observe animals interacting with each other. How are they communicating to each other? How are they reacting to one another? Do you see positive or negative emotions in their communications? What are they trying to achieve? Is the way they are communicating effective? What can we learn from them?

- a. Draw a picture about what you see. Talk or write about it.
- b. Write a few short paragraphs about what you see. Talk about it.
- c. Write a short essay about what you see. Discuss ways in which we, as humans, can use some of our communication skills to better exist in harmony with one another. What kinds of communications should we avoid, and which should we employ more frequently?

Materials required: Notebook, pen/pencil

Submission: A copy of your writings/drawing, and any pictures/videos

Teaching or learning notes:

### **Applied Math**

Animals eat a lot! How much animal food does the sanctuary have to purchase and prepare? How many animals live there? Use technology or ask a docent/keeper/employee to get estimates, and use those estimates to calculate how much money the sanctuary spends to feed its animals.

- a. Choose one animal to research how much it eats in a day. Calculate how much food it would need in a year. Draw or write about your findings.
- b. Choose one animal to research how much it eats. Calculate how much food it would need in a year, and estimate how much that food will cost. Then, multiply that figure by the number of that type of animal the park takes care of. Record your calculations.
- c. Calculate estimates of food needs for each animal, each type of animal, and all of the animals at the sanctuary. Do this per day and per year. Estimate how much that would cost. Record your calculations.

Materials required: Notebook, pen/pencil, calculator or smartphone (optional)

Submission: Your calculations, estimations, and conclusions, and any pictures/videos

Teaching or learning notes:

## **Science**

Animals are awesome! Zoologists study animals. Every animal has a unique life history. A “life history” is the story of an animal’s life from birth (or fertilization) to adulthood (and death). How many different ways can an animal begin it’s life? Are some animals more independent as babies than others? Why do you think this is? What about their lives affect how vulnerable they are when they are born? What kinds of animals raise their babies, and what kinds don’t? How does this affect how many babies survive to adulthood? How does this affect conservation for this species?

- a. Choose an animal to think about these questions for. Draw or write about your ideas.
- b. Discuss and diagram the unique life history of one of the animals you see. Write a paragraph about your findings.
- c. Discuss the life history of one of the animals at the sanctuary. Write a short essay on your findings. Then, explore zoology. What kinds of things does the sanctuary need to keep in mind about each animal's' life history when it is designing its living space and their plan for taking care of it? What kinds of projects are they working on currently? Ask a sanctuary worker.

Materials required: Notebook, pen/pencil

Submission: A copy of your drawings, diagrams, maps, or designs, and any pictures/videos

Teaching or learning notes:

## **Social Studies**

Conservation is an important topic for humanity. Our interaction with the world around us have played an important role in the movement and settlement of people, and their success in an area. Learn more about conversation and how it affects culture and progress.

- a. Why is it important to take good care of the animals that live in our area? Choose one animal that you see at the sanctuary that you could image would have an effect on the people who live in similar areas. What is the effect that animal has, and why is it important to be considerate of our animal neighbors? Draw or write about what you discussed.
- b. Conservation is more than just keeping animals alive. Conservation means protecting their environment and reducing the amount of interference we contribute to their life histories. Think of three ways people can help animals when cities and nature run into each other. Is it possible for a city to grow and build while minimizing its impact on the environment? How would that change the way a city is structured? How would that change the way people lived in the city? What benefits can you see from conserving natural areas in and around cities? Write a short essay on this idea.
- c. Some cultures of the world consider conservation to be incredibly important. Research one culture by exercising your Googling skills. Find out why they promote conservation, what it does for their culture or city, and what specific things they have done to protect their environment. Write a short research paper on this topic and include your thoughts on the costs and benefits of their conservation efforts, and your opinions on its value.

Materials required: Notebook, pen/pencil

Submission: A copy of your writings/drawings, and any pictures/videos

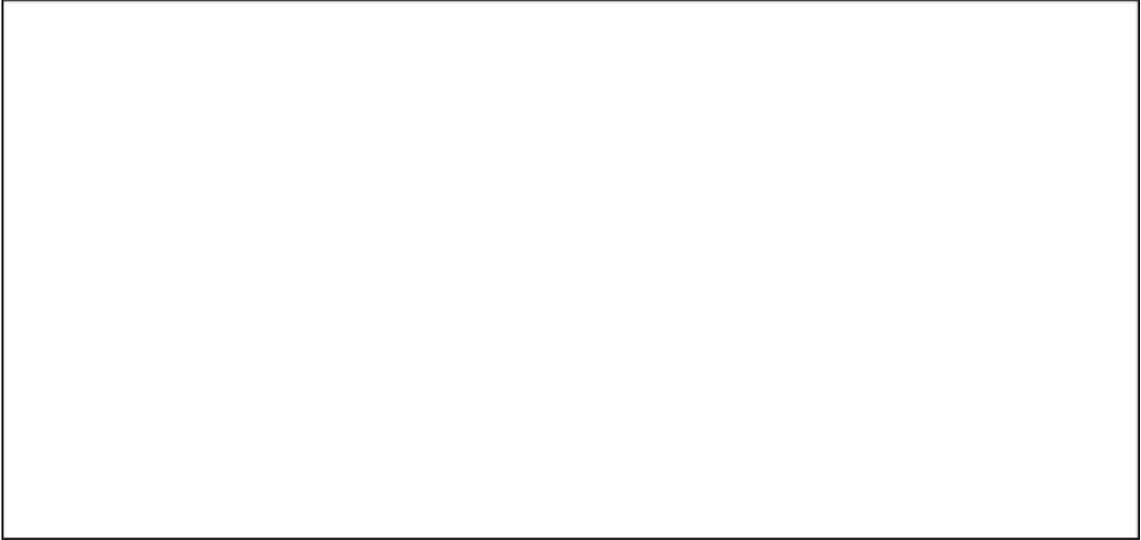
Teaching or learning notes:

# FUN FACTS

- The cougar, also known as puma, mountain lion, mountain cat, catamount or panther, depending on the region, holds the Guinness record for the animal with the highest number of names. It has over 40 names in English alone!
- A group of foxes is called a skulk or leash.
- Foxes live on every continent except Antarctica and thrive in cities, towns, and rural settings.
- Tigers can reach a length of up to 11 feet and weigh as much as 660 pounds!
- A group of tigers is known as an 'ambush' or 'streak'.
- Less than 10% of hunts end successfully for tigers.
- There are more tigers held privately as pets than there are in the wild.
- Lions are the national animal of Albania, Belgium, Bulgaria, England, Ethiopia, Luxembourg, the Netherlands and Singapore.
- One of the most amazing raccoon facts is about the front paws of raccoon are very similar to human hands. They have five fingers like humans and they use their hands with lightening quick speed to catch fish from waters. They can open the latch of a cage with their hands, untie the shoe laces and even they can easily pick your pocket if you're not alert.
- The sentence "The quick brown fox jumps over a lazy dog." uses every letter of the alphabet.

# Forever Wild Exotic Animal Sanctuary

1. Draw a picture of your favorite animal at the sanctuary.



2. Describe your favorite animal, something it did while you were there, and why you love it.

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3. What does it mean when they say an animal is "exotic"?

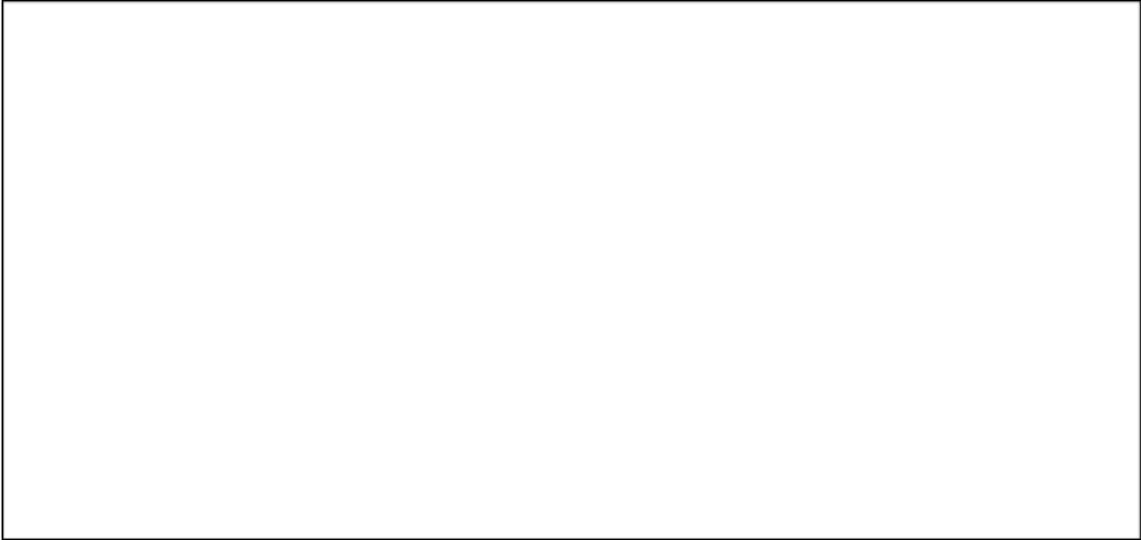
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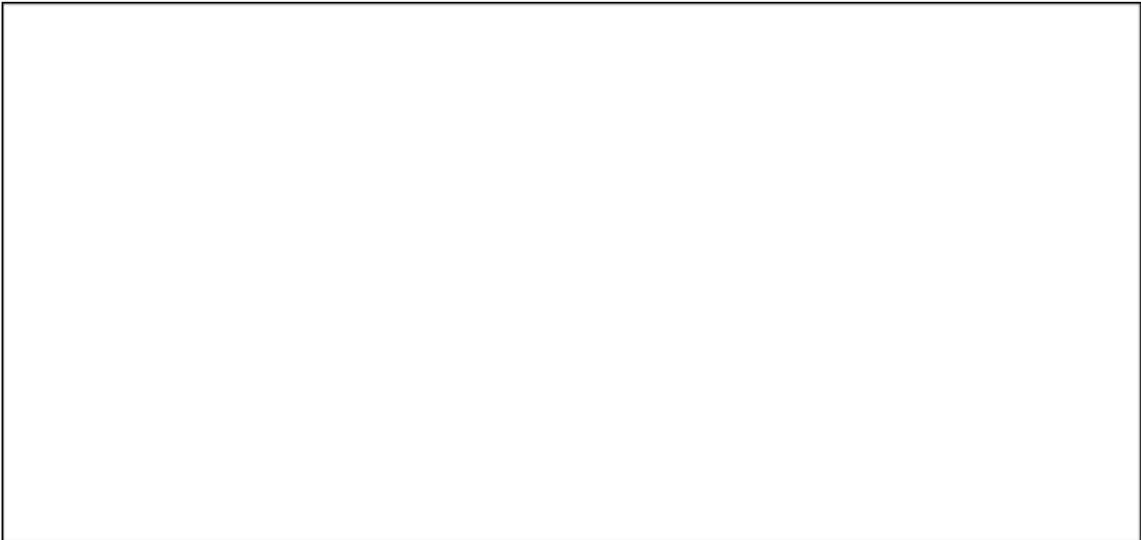
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4. Draw or describe a feline that you saw at the sanctuary.



5. Describe or draw a canine you saw.



6. What are the differences between birds and mammals?

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BONUS:

Sanctuary Scavenger Hunt!

- Something with claws \_\_\_\_\_
- Something that hibernates \_\_\_\_\_
- Something that is quadrupedal \_\_\_\_\_
- Something that is blue \_\_\_\_\_
- Something with flowers \_\_\_\_\_
- Something that eats mice \_\_\_\_\_
- Something that eats fruit \_\_\_\_\_
- Something with leaves \_\_\_\_\_
- Something that is diurnal \_\_\_\_\_
- Something that lives in trees \_\_\_\_\_
- Something that likes to hide \_\_\_\_\_

