

# Threatened & Endangered Species Tour

## Post–Visit Activity Packet

We hope that you enjoyed your visit to the Mill Mountain Zoo. To enhance you and your students' experience, we have put together a little packet of activities for you to use in your classroom. As this lesson was meant for grades 3-6, use any or all of the various activities as dictated by the developmental level of your grade. For younger children, some of the activities could be done as a group or class project to make them easier. We look forward to seeing you at the zoo again!

### Content Areas:

- Science
- English

### SOL's Covered:

- Science: 3.1, 3.4, 3.6, 3.10, 4.1, 4.4, 4.5, 4.9, 5.1, 5.5, 6.1, 6.7, 6.9
- English: 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 4.1, 4.2, 4.4, 4.5, 5.1, 5.2, 5.3, 6.1, 6.2, 6.3, 6.5, 6.6

### Grade Level:

- 3<sup>rd</sup> – 6<sup>th</sup>

**Vocabulary:** (Use these vocabulary words to help with some of the activities)

Predator

Prey

Endangered Species

Near Threatened Species

Critically Endangered Species

Poaching

Extinction

Population

### **Creativity Corner**

Create a poster to raise awareness about one of the at risk species you saw at the zoo today. Be sure to include a picture of the animal and at least two ways to help save the species from becoming extinct. You can use markers, crayons, and other pictures to help you draw your poster.

### **Research, Write & Share**

Find an endangered species that you did not see at Mill Mountain Zoo and research it. Write a one page report on your findings. Be sure to include basic facts about the animal, why they are endangered, and ways we can help the animal. When finished, you can share your report with the class. Younger children can work on this project in small groups.

**IT'S A MYSTERY!**

Using what you know about the animals you saw at Mill Mountain Zoo, match each animal with their name and whether or not it was Critically Endangered, Near Threatened, or Endangered.

1.



\_\_\_\_\_

2.



\_\_\_\_\_

3.



\_\_\_\_\_

4.



\_\_\_\_\_

5.



\_\_\_\_\_

- A) Fishing Cat
- B) Red Wolf
- C) Pallas Cat
- D) Cinereous Vultures
- E) Snow Leopard
- F) Endangered
- G) Critically Endangered
- H) Near Threatened

## RED WOLF SURVIVAL GAME

This game simulates what red wolf pups would go through during their first year in the wild.

### Materials

Game cards

6 dice

Additional props (optional): pictures of wolf puppies, traps, plastic insects, tracking collar, etc.

### Game set up

1. Print out cards on card stock and laminate for better durability
2. Place the cards along a path or trail.
3. Place die and additional props with appropriate cards.
4. To start the game go to and read the introduction card.

## Red Wolf Survival

Only about half of the red wolf pups that are born in the wild survive. This game simulates what red wolf pups go through during their first year of life. Remember that some of these pups will die.

Begin the game with station #1 and follow the directions on the cards. Good Luck!

1

It's April and you were just born. It will be two weeks before your eyes open. Very slowly move ahead 1 station.

2

You are now old enough to start leaving the den, but your mom thinks you have strayed too far. Sit quietly and count to 25, then move ahead 1 station.

3

You and your siblings are more actively playing and wrestling with each other. You're all beginning to make noises, including trying to howl. Run around in circles 4 times, roll the die and move ahead that number of stations.

4

You are old enough to begin eating meat, chewing on bones and pieces of hide, and catching insects. Stalk and jump on insects then move ahead 1 station.

5

A strange black and white fuzzy animal walks in front of you. It smells funny but you are so hungry. Roll the die. If you roll an odd number, you just ate the front half and move forward 1 station. If you rolled an even number, you ate the whole thing, and it sprayed you and made you sick.

Move back 2 stations.

6

During the summer your mom moves you and your siblings away from the den. You move to a rendezvous site near water, trees, and rock piles to hide in and around. Explore your new surroundings. Roll the die and move ahead that number of stations.

7

At the rendezvous site suddenly the winds really start to blow. You're in a hurricane! Take cover and count to 50 while you wait for the storm to blow over. Move ahead 2 stations.

8

The hurricane caused massive waves of water that flooded the den. Doggy paddle as you count to 30, and then move back 2 stations.

9

After the hurricane it is hard to find food. You are very hungry. You have only enough strength to move ahead 1 station.

10

The rabbits and rodents are very active. All the wolves in your pack find food. Roll the die and move ahead that number of stations.

11

Walking through bushes, you hear a loud rattle. It's a rattlesnake! Take 3 deep breaths and tiptoe ahead 2 stations.

12

You are almost adult size. You are caught in a trap! A scientist draws blood and puts a tracking collar around your neck. Go back 2 stations while you recover.

13

A bunch of 2-legged creatures begin to point and get excited seeing you. Pose for their pictures and move ahead 1 station.

14

Food is plentiful. Your pack has stored the extra by burying it. Rub your belly 15 times and lick your lips 5 times. Then roll the die and move ahead that number of stations.

15

You ran through the tall grass and got covered with ticks. They are annoying. Stop and scratch until you count to twenty and then move ahead 2 stations.

16

You have left your pack's territory to find your own. You wander into another territory and fight with the alpha male. Your injuries were too great and you do not survive.

**SORRY!** You died.

17

Your pack is not confined to the den or rendezvous site. You are traveling up to twenty miles a day. Roll the die and move ahead that number of stations.

18

While walking the border of your territory you see an animal that looks like you. It's a dog that is sick, foaming from its mouth, and it continues to snarl. The dog bites you and you get rabies. SORRY! You died.

19

A raccoon foolishly walked across your path. Dinner is served. Smack your lips 3 times and move ahead 2 stations.

20

A severe winter means that there is not enough food for the pack and you do not survive the winter. SORRY!  
You died.

21

You have left your pack to find a mate. You cross over several territories and find a one.

Move ahead 2 stations.

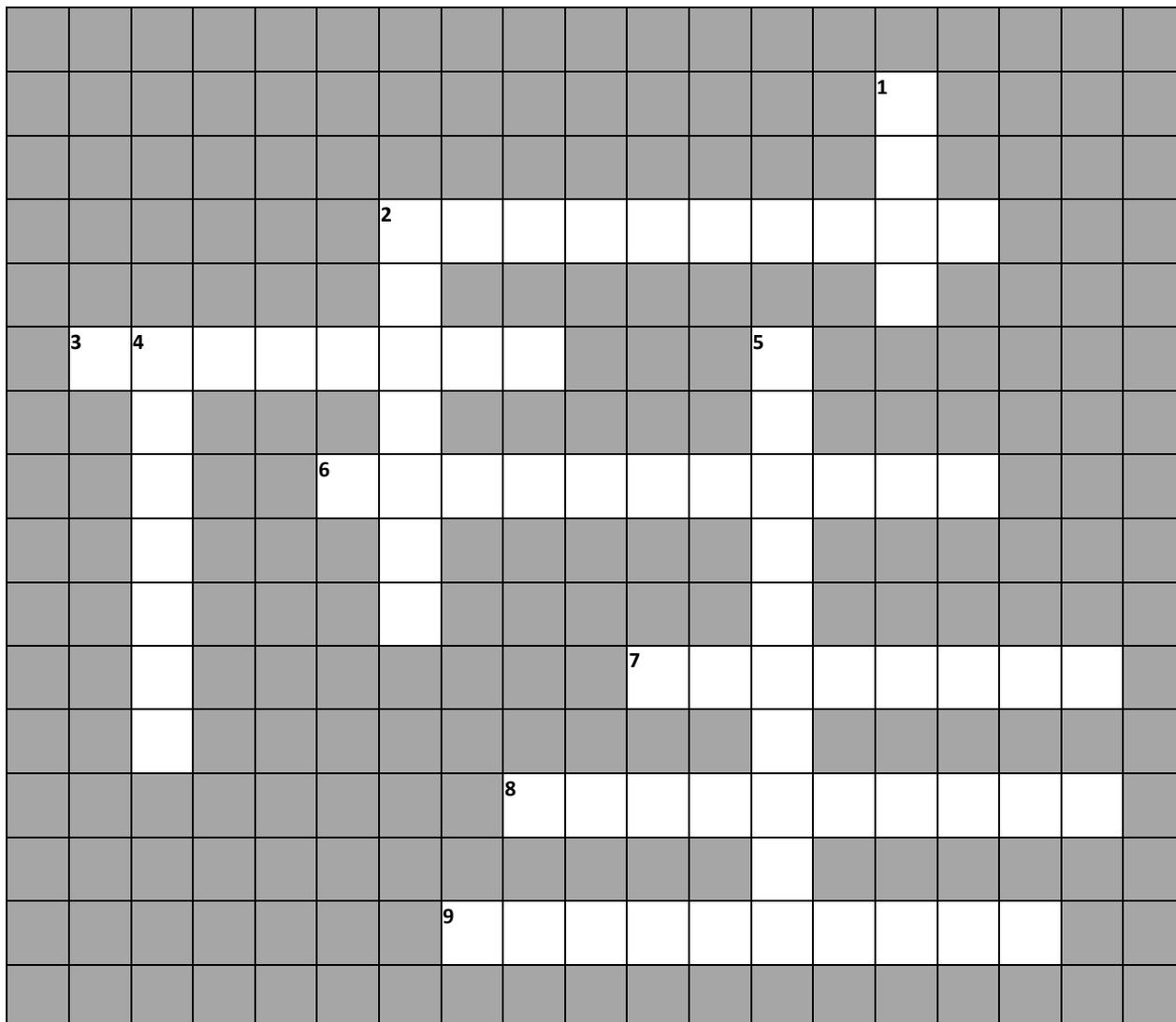
22

While out looking for food you were hit by a car. You don't survive! SORRY! You died!

**You explore a new area along  
the coast and it is full of  
raccoons, opossums and deer.  
You also find a mate and settle  
down to have puppies.**

**Congratulations!!!**

## THREATENED & ENDANGERED SPECIES CROSSWORD



### Down

1. An animal that is hunted and killed by another for food is \_\_\_\_\_.
2. An animal that is no longer in existence is \_\_\_\_\_.
4. What animal did you see at Mill Mountain Zoo that is Critically Endangered? (2 words)
5. The number of animals of a particular species living in the same place at the same time is called a \_\_\_\_\_.

### Across

2. Animals that are at a high risk of extinction in the wild are \_\_\_\_\_.
3. An animal that preys on others is a \_\_\_\_\_.
6. This cat's fur was once sold for up to \$50,000. (2 words)
7. The illegal hunting, killing or capturing of wild animals is called \_\_\_\_\_.
8. The red wolf is \_\_\_\_\_ Endangered.
9. This animal, which you saw at the zoo, is one of the few cats that likes water. (2 words)

