



# DIURNAL

Diurnal: These animals are awake and active during the day.

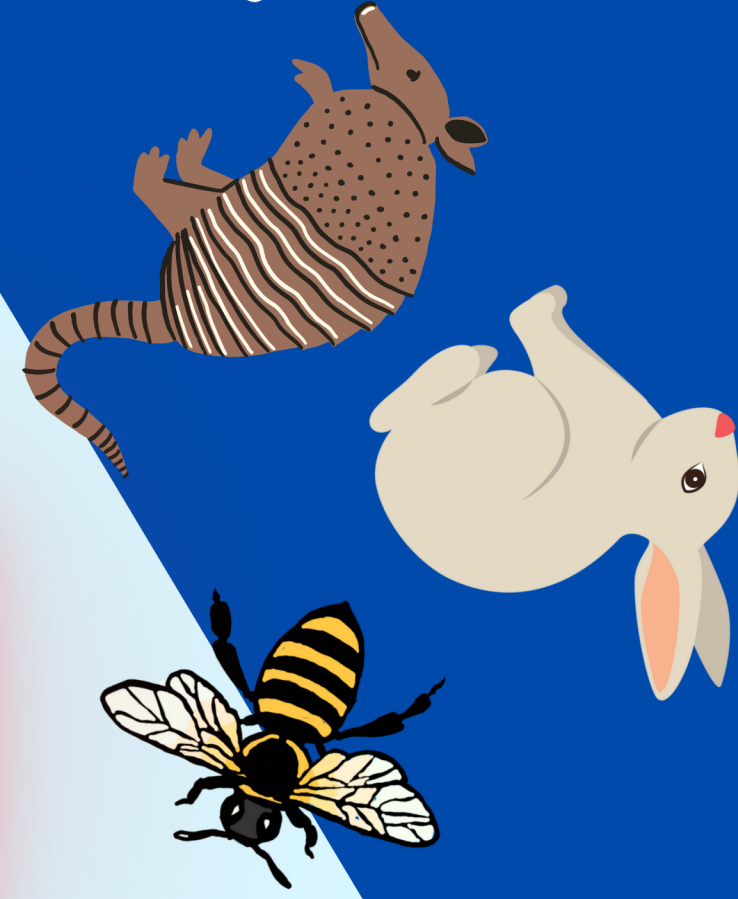


## Grab-N-Go Nature Lessons Kit

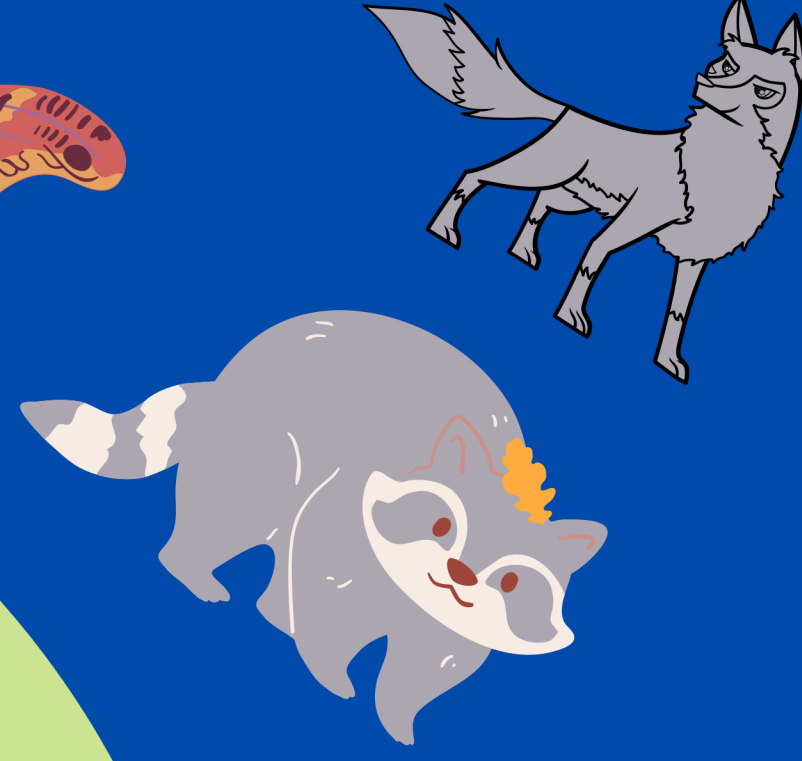
We can ask questions to compare the different ways animals live. **These are different words to describe the times of day an animal is active.**

When are YOU active?

CREPUSCULAR  
Matutinal: These animals are active at dawn before the sun rises in the sky.



CREPUSCULAR  
Vespertine: These animals are active at twilight before the sun sets.

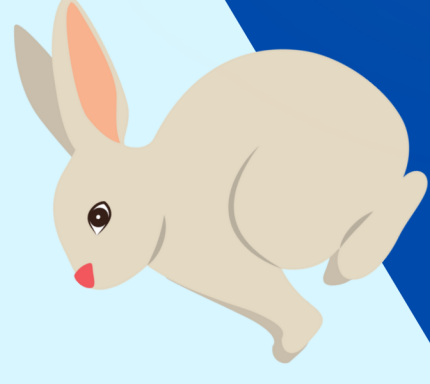


Nocturnal: These animals are awake and active at night.



# Nocturnal

\*Rabbits\* are BIMODAL, active twice a day!





# Like Night & Day!



There are many factors that can affect an animal's time for activity:  
Availability & Competition for Food, Humidity, Environmental  
Temperature, Light Patterns, Predatory/Prey Relationships, &  
Mating... to name a few!

## Asking Questions

Thinking more about an animal will help you understand why they are active at certain times. Where does it live? Is it social or solitary? What does it eat? What does it look like, and what makes it special?



## Body Temperature

Many Diurnal living creatures are ectothermic, and require the sun and heat to increase their naturally low body temperatures. Many Nocturnal animals have naturally higher body temperatures.

## Senses are important



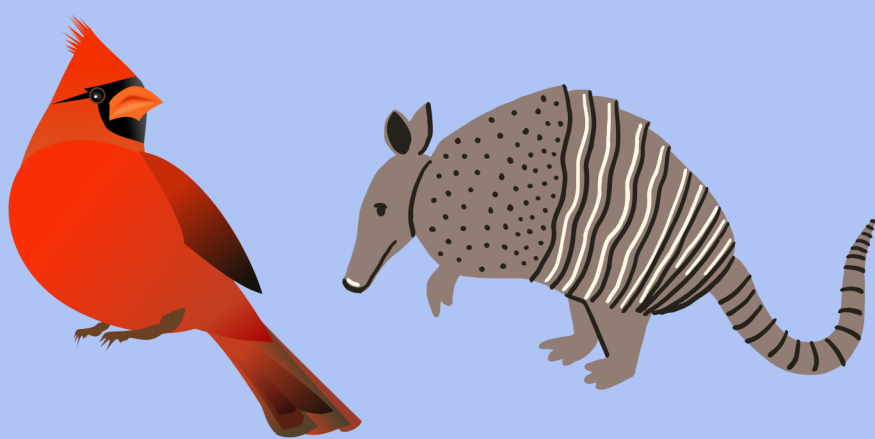
Diurnal creatures rely mainly on vision, and their eyes have properties to adapt to variation. Nocturnal creatures often have better senses of smell & hearing, and they sense air pressure and wind better. Their eyes work different too!

## Communication Variation

Diurnal animals communicate with visual cues like brilliant colors and flashy movements. Nocturnal animals communicate with complex songs and sounds and vibrations, or even smell!

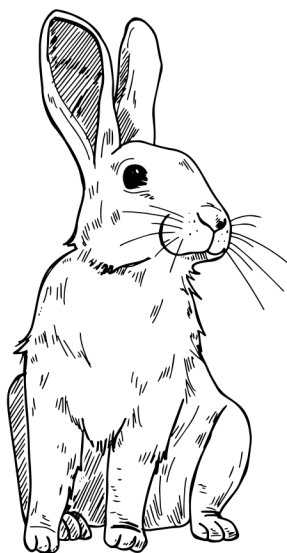
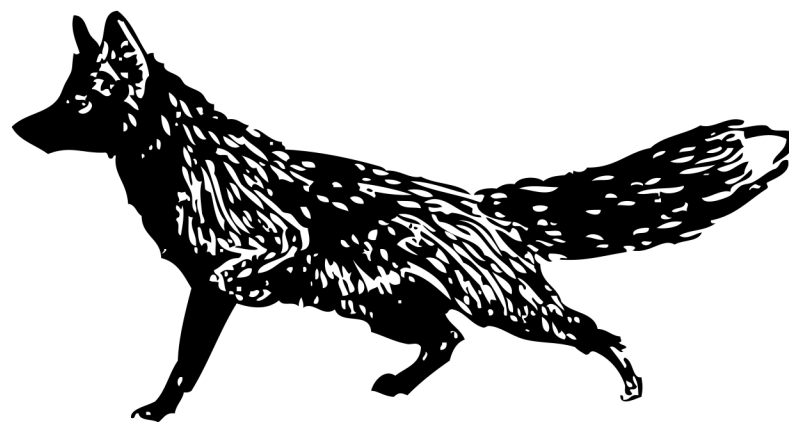
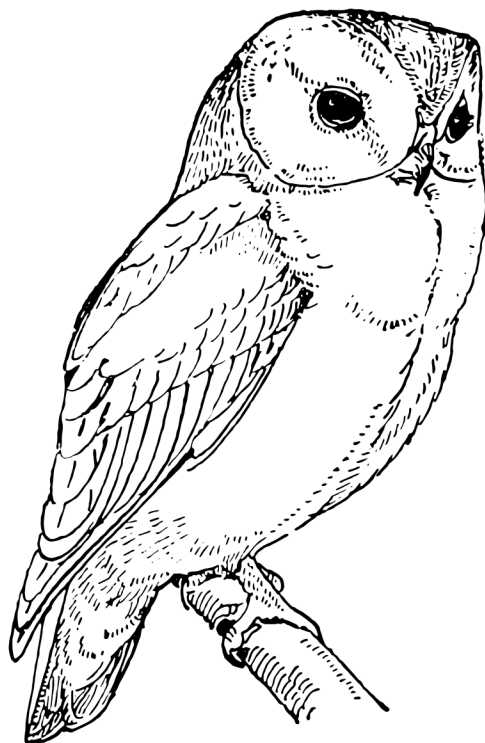
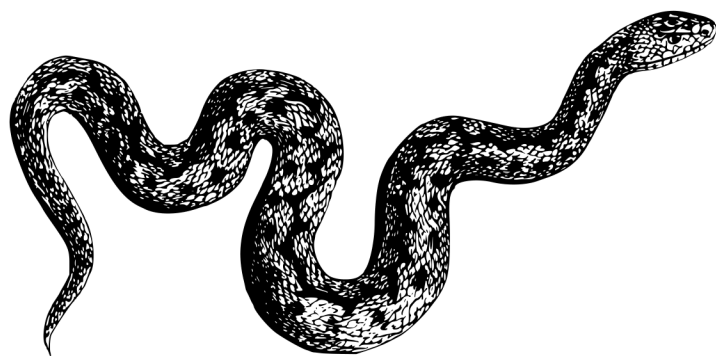
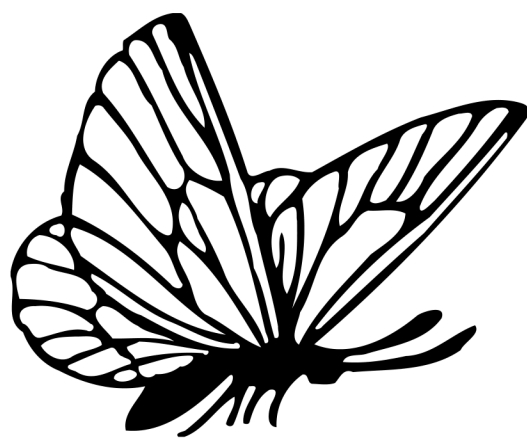
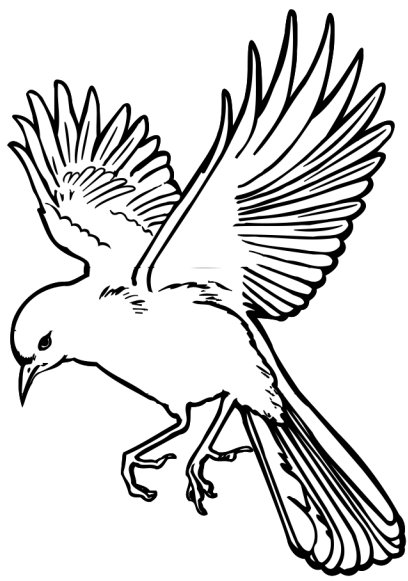
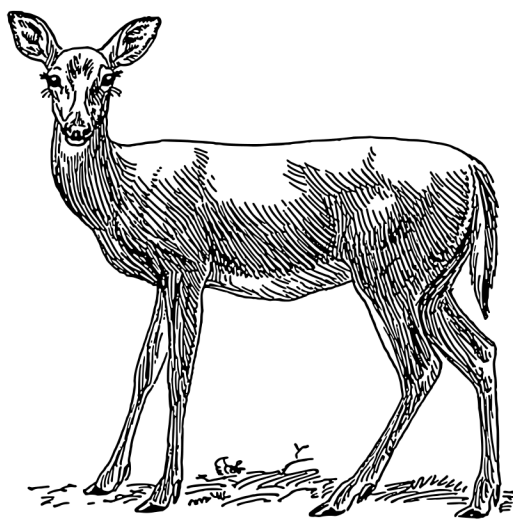
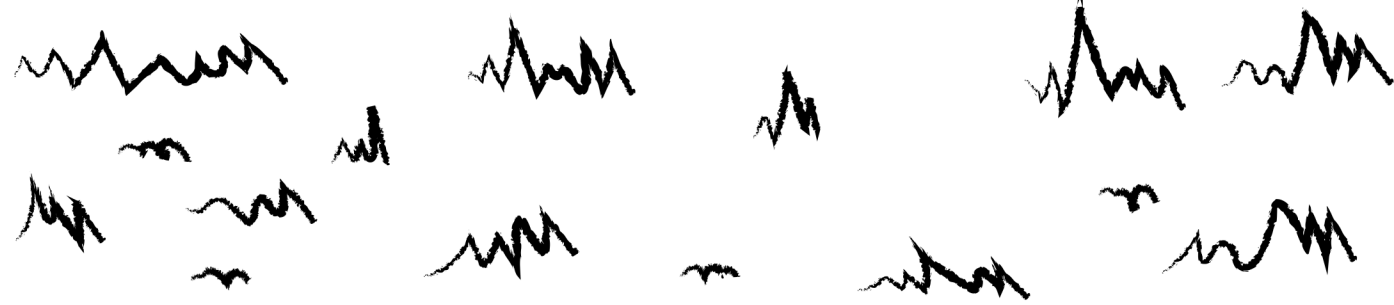
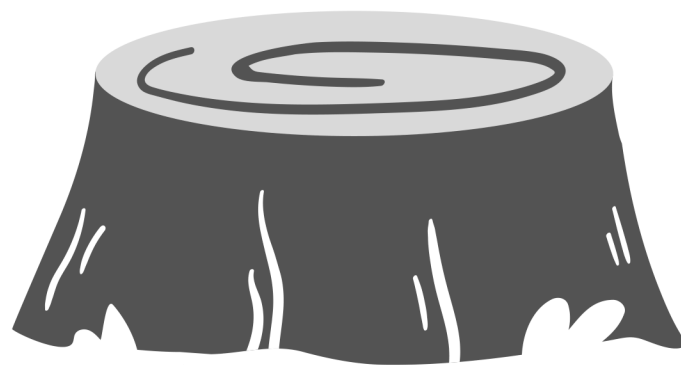
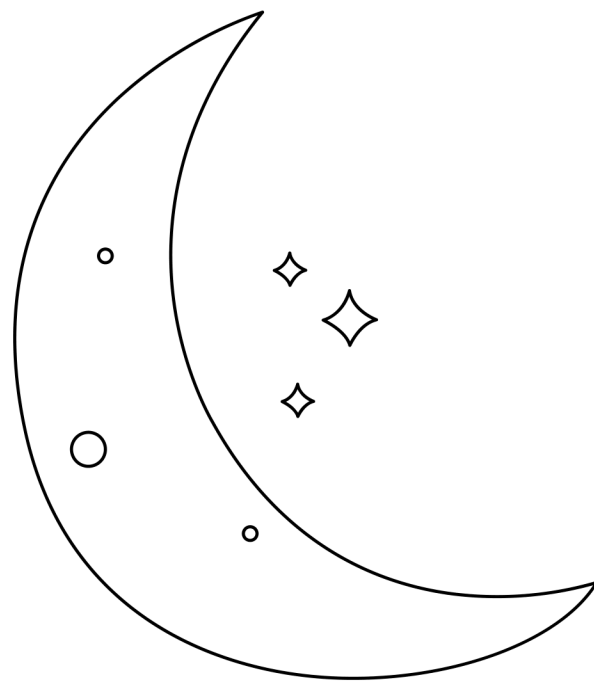
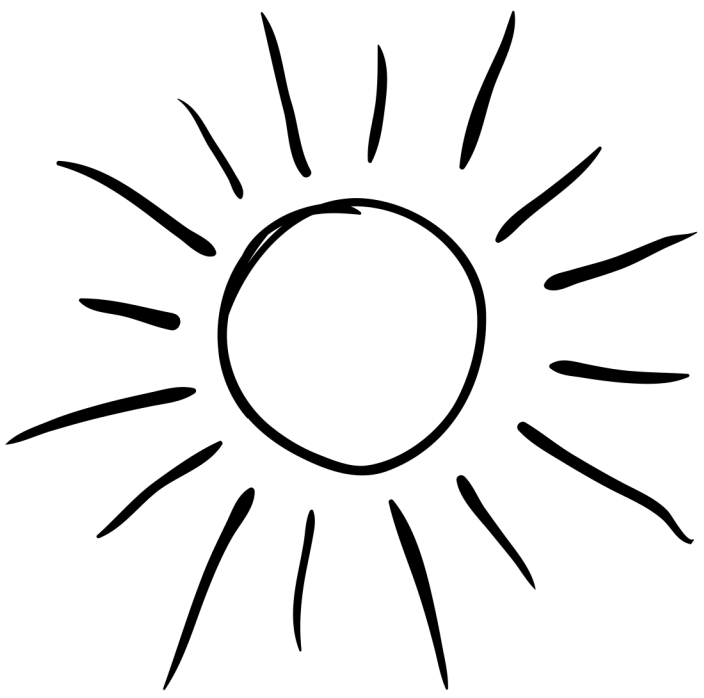


Fill out this chart with what corresponds for each of our park wildlife!



	Cardinal	Snake	Armadillo
Important Senses			
Body Temperature			
Communication Method			
Type of Activity			

Color, then cut out the animals and place them on the side that fits their activity!



# Owl Rice Cakes

Owls are Crepuscular, meaning they're awake between night and day. Let's make a snack inspired by them! Hoot hoot!

## YOU'LL NEED

Rice Cake for Base  
Sliced Banana  
Sliced Apple  
Berries or Chocolate Chips  
Peanut Butter or Cream Cheese  
Chopped Carrot Bits  
Cheerios

## ALL YOU HAVE TO DO

1. Cover your rice cake base with peanut butter or cream cheese.
2. Have an adult slice your fruit! Lay two round banana slices for the eye spots, and two apple slices or wedges for the wings.
3. Use the berries for the eyes, pressed into the banana!
4. Lay cheerios down between the wings to make a pattern.
5. Add the carrot bit for a beak.
6. Hoot, then enjoy!



 PHIL HARDBERGER  
PARK CONSERVANCY

See more lessons and activities at:  
<https://www.philhardbergerpark.org/grabngo-nature-lessons>