

THIS  
**PASSPORT**  
BELONGS TO



**Habitats and Adaptations**

Science SOLs

K.7 a   1.5 a, b   2.5 a b c   2.7 a   3.4 a, b   3.5  
3.8

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# Habitats and Adaptations



Welcome to  
your Virtual Get  
Schooled Field Trip  
with:



Mill Mountain  
**ZOO**  
Roanoke, Virginia

**In your own words,  
what is a habitat?**

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**What does an animal's habitat have  
to include?**

(write the answers or draw a picture representing each  
necessity in the four boxes below)


# Different Habitats

Unscramble the words below to reveal four different habitats.

Then list or draw two features that you would find in each.

t r e s f o



o n u a t i n m



q u a a c i t



t r e s e d



What are the two different kinds of adaptations?

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# Tufted Deer

Where is the most likely spot that you will find tufted deer?

- A. a snowy mountain
- B. in a meadow
- C. in a jungle near the ocean
- D. in a mountain forest

What is a Halloween inspired nickname that the tufted deer is also known as?

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Point to the spot on their body where tufted deer have developed an adaptation that helps them escape from predators.



What is their adaptation?

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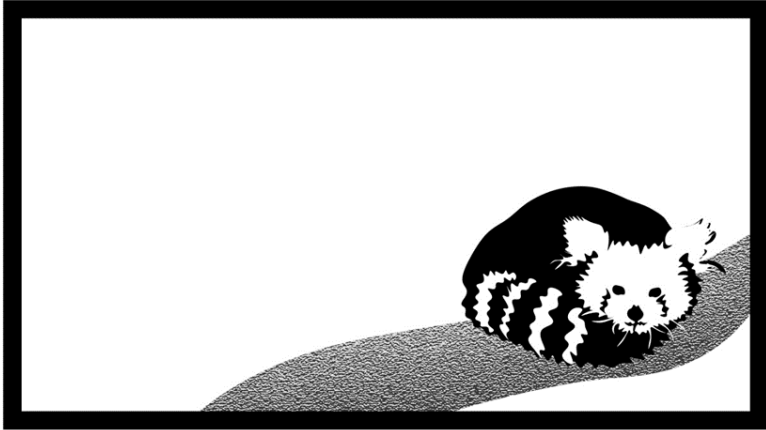
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# Red Panda

When is the red panda the most active?

\_\_\_\_\_

Draw or color what the sky would look like at those times below and include what you saw at the zoo in its habitat.



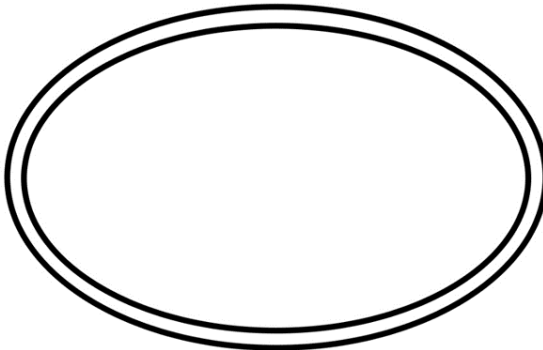
This means that the red panda is:

\_\_\_ e \_\_\_ u \_\_\_ u \_\_\_ a \_\_\_

## Dinner Time!

What would a red panda want to eat?

Draw it on the plate below



# Asian Small-Clawed Otters

How is the Asian small-clawed otter's habitat different from the habitats of other species of otters?

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How have their feet adapted to their habitat?

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How are their feet different from other species of otters?

---

What are their favorite foods?

---

How have they learned to eat them?

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## Fishing for Words:

Are you as good at fishing as an otter? How many times can you find the word, "otter" below? \_\_\_\_\_

m	r	i	a	b	c	o	r	o	z
c	o	a	b	o	t	t	e	r	o
r	o	l	o	c	o	t	r	b	m
i	o	t	l	l	r	e	i	c	o
m	l	o	t	a	o	r	e	r	t
c	r	a	b	e	m	b	a	a	t
r	i	c	a	b	r	i	c	e	e
a	o	t	t	e	r	c	r	a	r
b	c	m	o	l	l	u	s	k	a
z	o	o	m	o	r	z	o	o	b



# Bald Eagle

If the tree below is around 12 feet tall, how big would their nest look at the top of the tree? Draw it below!



Draw the rest of the habitat around the eagle's nest remember to include any water or creatures that they may want to eat.

Why do they like their nests high up in trees?

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BONUS: Are bald eagles still endangered?

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BONUS#2: Can you find any other words in the word search to the left? If so, what are they?

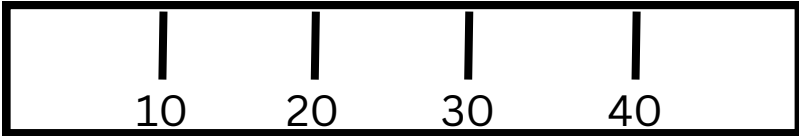
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# Burmese Python

What did you notice about the  
Burmese Python's habitat?  
Draw what you saw below!



Pretend that the ruler below is **50** feet long, draw  
a full grown Burmese Python sitting on top of the  
ruler to show how big they can grow.

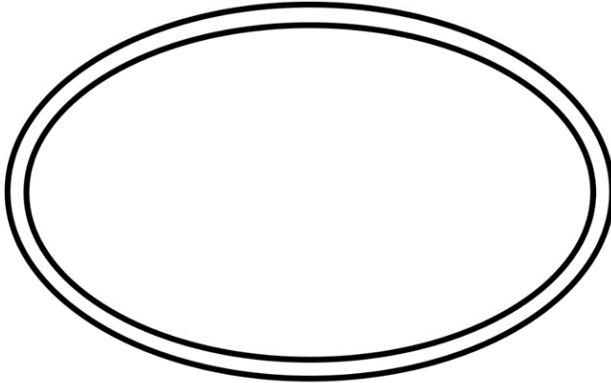
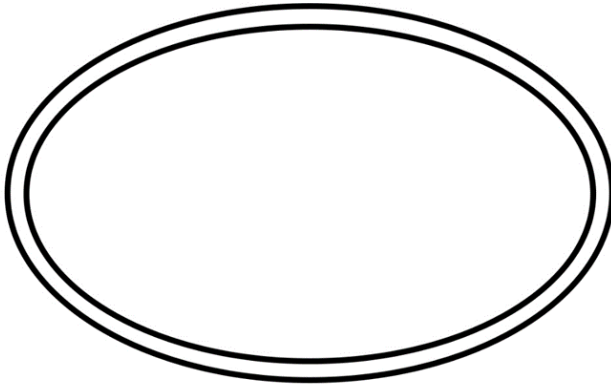


Bonus Question: Do you know how heavy  
Burmese Pythons can get? \_\_\_\_\_ pounds

## Dinner Time!

What would a Burmese Python want to eat?

Draw two of its favorite meals on the plates below.



What is a constrictor?

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Burmese Pythons can

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so they can eat creatures that are much larger than they are!

# Map of Asia



Label your map with:

Burma/Myanmar

China

Nepal

**BONUS:** Label your map with:

Bay of Bengal

Pacific Ocean

South China Sea

# Mill Mountain Zoo Habitat Tour

Draw a line from the creature on  
the right to the map of where it is  
from on the left

(Hint: one creature will not have a place on this map,  
put a star next to that creature below)

Tufted Deer

Red Pandas

Asian Small Clawed Otters

Bald Eagles

Burmese Pythons

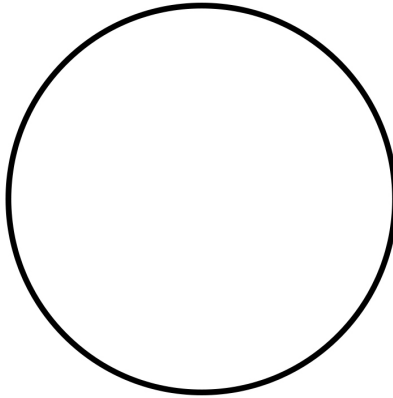
Draw your favorite creature from the list above in the  
box below



# Now it's your turn!

Create your own animal in the circle below  
and then draw its habitat surrounding it.

Remember to consider what it needs to survive.



When you are done, you or a guardian can take a picture of  
your creation and send it to [education@centerinthesquare.org](mailto:education@centerinthesquare.org)

for us to share it on Facebook!