

THIS
PASSPORT
BELONGS TO

TEACHER



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?**

A habitat is a place where an animal lives.

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

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

FOOD

AIR

WATER

SHELTER

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

FOREST

o n u a t i n m

MOUNTAIN

q u a a c i t

AQUATIC

t r e s e d

DESERT

What are the two different kinds of adaptations?

Physical

Behavioral

Tufted Deer

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

A. a snowy mountain

B. in a meadow

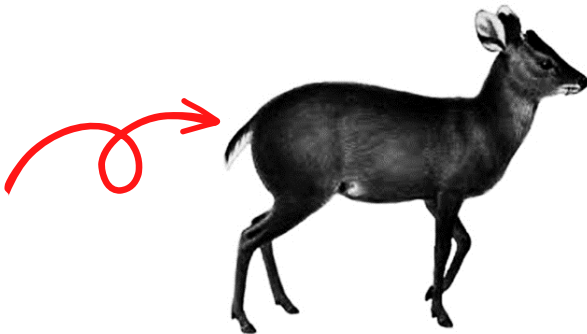
C. in a jungle near the ocean

D. in a mountain forest

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

Vampire Deer

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



What is their adaptation?

An adaptation of the tufted deer is they are very fast runners that bob their tails up and down to make it harder for predators to chase them.

Red Panda

When is the red panda the most active?

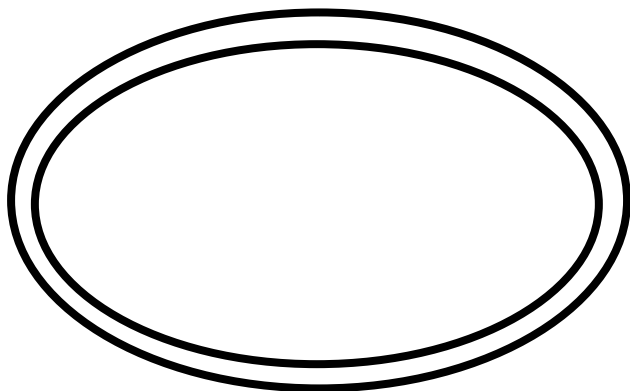
The red panda is most active while they are eating in the morning and late afternoon.

This means the red panda is :

c r e p u s c u l a r

What would a red panda want to eat?

Draw it on the plate below.



We heard several adaptations of the red panda. Can you circle the adaptations below that were NOT named in relation to the red panda?

fast runners

long, bushy tail

webbed feet

extended wrist bone

great eye sight

thick fur

Asian Small-Clawed Otters

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

The Asian small-clawed otter's habitat includes a lot of land verses primarily water.

How have their feet adapted to their habitat?

Their feet are webbed only to the last digit.

How are their feet different from other species of otters?

Most otters have fully webbed feet.

What are their favorite foods?

The Asian Small-Clawed Otter's favorite food is shelled animals.

How have they learned to eat them?

The otters have learned to put the shells in the sun to "cook" them.

Fishing for Words:

Are you as good at fishing as an otter? How many times can you find the word, "otter" below? 5

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?

They like their nests high in the tree so they can take off easily and see things around them.

BONUS: Are bald eagles still endangered?

no

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

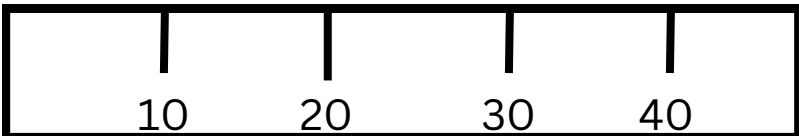
zoo, mollusk, cat, bolt, lot, crab, rice, cab, rim

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.

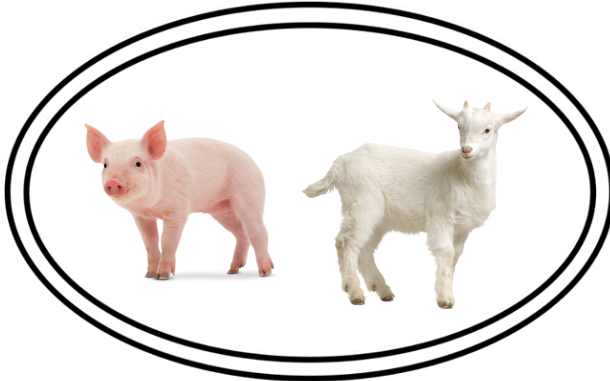


Bonus Question: Do you know how heavy
Burmese Pythons can get? 200 pounds

Dinner Time!

What would a Burmese Python want to eat?

Draw two of its favorite meals on the plates below.



What is a constrictor?

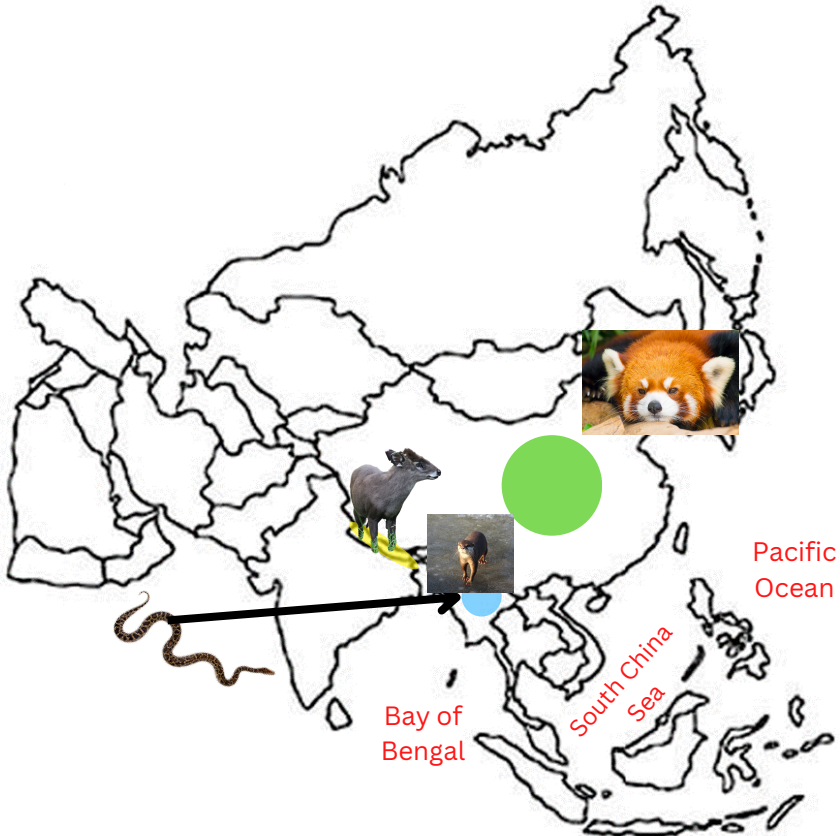
A constrictor is an animal that squeezes its prey until it stops breathing.

Burmese Pythons can

dislocate their jaw to swallow things 3 or 4 times their head size

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

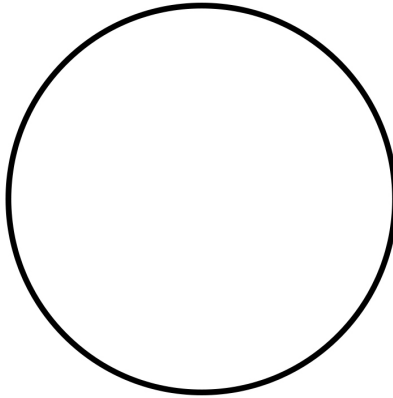
Draw your favorite creature from the list above in the
box below



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

for us to share it on Facebook!