



Exploring Animal Adaptations with Skittles



Adaptation - the ability of living things to adjust to different conditions within their environment.

Adaptations can be either _____ or _____.

A physical adaptation is a type of structural change or modification to a part of the _____. A physical adaptation might also be called a _____.

A behavioral adaptation is something an animal _____ or how it _____.

Forms of physical adaptations include the body, color, shape, pattern and even size. A common adaptation is _____. This is where the animal blends in with its surroundings making it harder for the animal to be seen.

Skittles is a _____.

He is also a _____.

Reptiles:

1. Are a vertebrate which means they have a _____.
2. Have dry, _____ skin that _____ periodically during growth.
3. Most live on _____.
4. _____ are typically laid on land and have a leathery, flexible shell.
5. Are cold blooded, or _____; they must absorb heat from their environment rather than generating it inside their body.
6. Breathe with _____.

Reptiles include, crocodiles, snakes, lizards, turtles, and tortoises.

Skittles was never in the wild. He was bred in _____ and bred to be this color.

Skittles kills his prey by wrapping its body around the prey and squeezing it until it dies. This makes Skittles a _____.

Skittles eats small animals like:

Give three examples:

1. _____
2. _____
3. _____

When snakes eat their prey they eat it _____. To do this they are able to dislocate their lower _____. The mouth is then able to open much wider allowing the snake to eat prey much larger than themselves.

Snakes like humans can breathe airborne smells but to help with that they have a secondary system as well. When a snake flicks its tongue it is gathering odor particles which are then transferred to two fluid-filled sacs at the roof of the mouth called _____.

Snakes don't have external ears but they do have an _____ ear by their jaw bone that transfers the vibrations of the skin into the ear allowing them to hear vibrations.

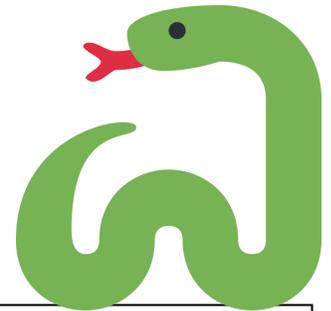
Skittles and some other snakes will beat their _____ against the ground to try to scare off its predator.

Kentucky has both _____ and _____ snakes.

Venomous means the snake has fangs and the ability to inject a _____ into its prey to subdue or kill it.

There are 33 species of snakes in Kentucky and only _____ are venomous snakes.

After learning about animal adaptations and some of Skittles' adaptations why are animal adaptations so important? Write your answer below.



Word Bank

physical	backbone	Corn	feature	does	sheds
camouflage	Creamsicle	Reptile	Snake	land	lungs
behavioral	scaly	acts	whole	Eggs	jaw
captivity	Jacobson's	inner	venomous	four	birds
constrictor	Organs	poison	mice	rats	shrews
Ectothermic	non-venomous	body	frogs	lizards	tail

