



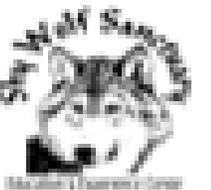
Habitats

A Place to Call Home

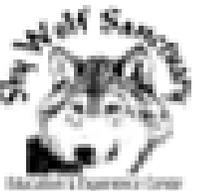


Objectives:

- **Students will define habitat and list what is required in a habitat for animal survival**
- **Students will investigate and research the habitat of a selected animal**
- **Students will design and create a model of a habitat for their animal**



What are the things in your home you absolutely could not live without?





Habitats At Shy Wolf Sanctuary

[Habitats, A Place To Call Home](#)

[Shy Wolf Sanctuary Video](#)



Namid & Lakota

Photo: Nicole Rhoton

Vocabulary You Should Know:

- **Habitat** - A place where an organism lives, providing food, water, shelter or cover, and space to reproduce that is suitable to its needs
- **Niche** -The role of an organism in a community especially in regards to food consumption.
- **Native** - Refers to animals or plants that naturally occur in an area.
- **Environment** - The air, water, minerals, organisms, and all other external factors surrounding and affecting a given organism at any time.
- **Community** -all of the populations that live together in the same place. Example: in a forest, it would be made up of trees, squirrels, worms, rabbits, and hawks. A molecule containing the genetic information that makes up the chromosomes.



What does an animal need to survive?

Food, water, shelter, air, and a place to live and raise their young



Food



In any habitat animals need an adequate supply of food. At Shy Wolf Sanctuary our animals are fed a raw meat diet four times a week.



Water

- Our animals need water for life but they also use water to cool themselves in hot temperatures. Plus, they just seem to love to play in a tub, or sometimes, in the hose.



- At Shy Wolf, shelter can mean a dog or cat house. Our animals also love to dig holes UNDER their houses for shelter during hot weather and storms.



A Place to Live

- Animals need a place to live, and if in the wild, reproduce. Our animals have enclosures that are designed to offer them a comfortable, safe, place to live and an environment which offers them stimulation and positive interactions with other animals.

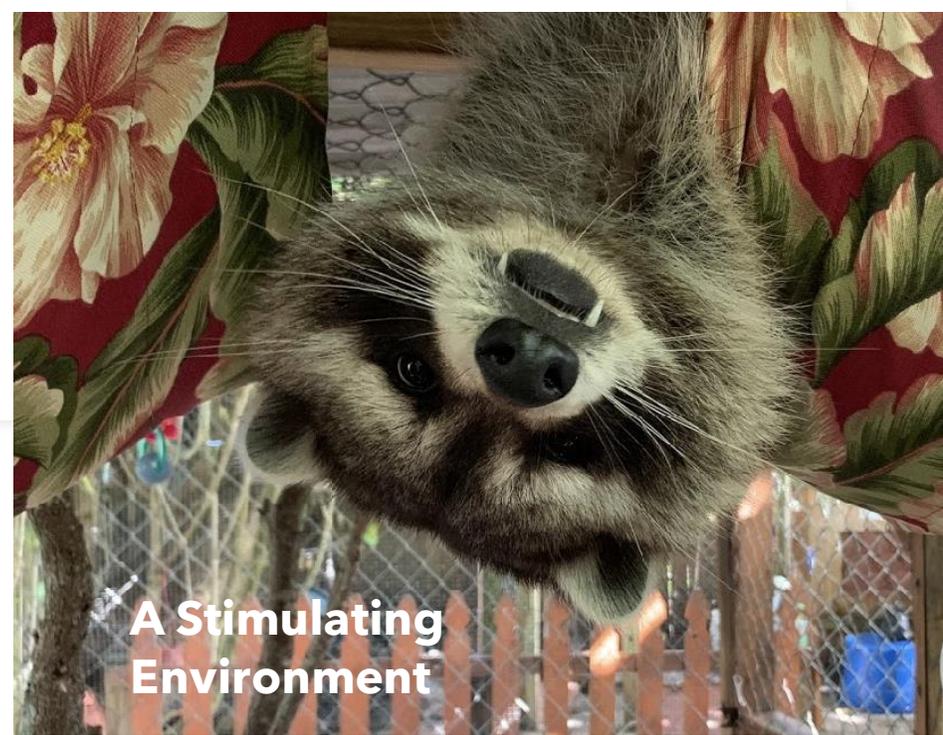




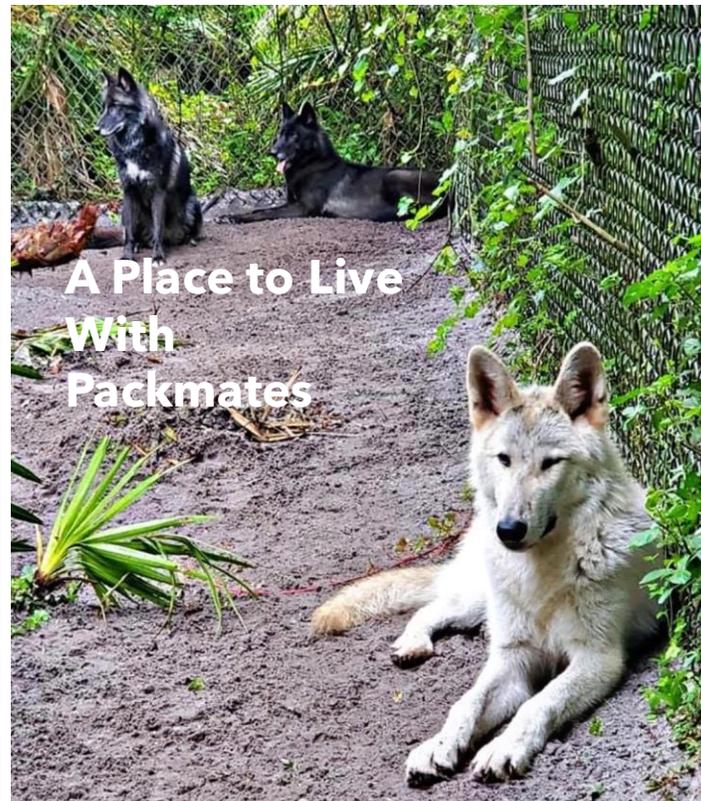
A Stimulating Environment



A Comfortable Shelter



A Stimulating Environment



A Place to Live With Packmates



Habitat Construction

- At Shy Wolf Sanctuary, we design and build habitats for our animals on an ongoing basis. Habitats are often revised to make them better, to add more room, or sometimes for repair.



Gracie and George are two silver foxes who had a revision made to their habitat. Rocket is one of our raccoons. He needed some repairs to be made and was given a whole new enclosure.



Enclosures at Shy Wolf

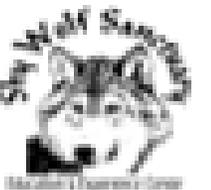
- Have reinforced fencing, frequently with two layers of fencing and where necessary, holes that are too small for fingers.
- Dig wire surrounding the inside fencing to prevent animals from digging out of their enclosures.
- A Lock-out area where animals can be placed while enclosures are cleaned or for safety of volunteers.
- An entrance with two gates for extra protections against animal escape.
- Locks on each gate that can only be opened with keys.



Now it is your turn!



- You will design a habitat for one of our animals. On the next slide you will get to choose which animal you would like to consider as you construct your design.
- If you have access to the internet research a little bit about your animal's habitat.



Choose An Animal

**Wolf/
Wolfdog**



Coyote



Fox



Raccoon



Cougar



Habitat Construction

Things to Consider:

What are the needs of the Animal?	What are the Needs of the Volunteers and Staff?	What are the Needs of Visitors?
<p>NEEDS</p> <ul style="list-style-type: none"> Food Water Shelter Temperature range for life Enrichment Safety <p>WANTS</p> <ul style="list-style-type: none"> Enough Room Friends - Packmate Features (water, trees, etc.) Exercise/Noise is low, Nothing scary 	<p>NEEDS</p> <ul style="list-style-type: none"> Safety of animal and staff Keep animals from escaping <p>WANTS</p> <ul style="list-style-type: none"> A place to greet and interact with the animal Move the animal in and out Easily feed Easily clean the habitat 	<p>NEEDS</p> <ul style="list-style-type: none"> Safety Temperature <p>WANTS</p> <ul style="list-style-type: none"> Easily see animal A place to interact with animal Animals appear to be happy



Design A Habitat

- Use your Design Challenge Sheet to list the things you would like to include in your habitat. Consider carefully the needs of the animal. Then consider the needs of the staff and visitors.
- On the next page briefly sketch a design of your habitat. Try to draw to scale and accurately place all items including shelter, trees, enrichment items. Design your gates and enclosures for the safety of both the animals and staff.
- NOW you are ready to construct your habitat model if your teacher has assigned it.

