

Third Grade Lesson

Lesson Plan for Grade 3, Science Standards

Prepared by Lewis Farms & Petting Zoo

OVERVIEW & PURPOSE

The purpose of this lesson is to teach students how well a certain animal will survive in a habitat suited for him/her and analyze if that animal could survive in a habitat not suited for him/her. Teaching the students the characteristics of that certain animal will allow them to determine how well the animal will survive in a different habitat.

EDUCATION STANDARDS

Connection to Michigan common core standard; 3-LS4-3

Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.

Standards provided by the Michigan Department of Education

https://www.michigan.gov/documents/mde/K-12_Science_Performance_Expectations_v5_496901_7.pdf

OBJECTIVES

1. To allow students to dig deeper into education by providing for them adequate resources that they wouldn't find in a classroom.
2. Creating a hands-on environment to ensure a better understanding of the topic at hand for the students.

MATERIALS NEEDED

1. Access to Lewis Farms and Petting Zoo.
2. Captivated audience to ensure every student is getting all the information.
3. Ambition to learn and have fun while doing so.

VERIFICATION

1. Ask the student questions while performing the lesson or following the lesson.
2. Ask the students to point out the topic that you are teaching them about during the lesson.

ACTIVITY

To begin this lesson you must first guide your students to **Station 3**, followed by **Station 3.2** on your map provided in your teacher bag.

We have many examples of this core standard including our camel Jeffrey, also our lemurs Lola and King Julian.

Describe and point out the traits to the students.

Camels

Jeffrey is one of our dromedary camels.

Dromedary meaning he only has one hump.



If Jeffrey were to live in the wild he has many unique traits that would help him adapt to his environment, which would be the desert but we are glad Jeffrey isn't in the wild because he gets many more kisses here. Kisses are Jeffrey's favorite. Some characteristics that Jeffrey has that would help him adapt to his natural habitat include his hair, his feet, his hump, and also his lips.

His Hair: Jeffrey's coat is tan in color to help him blend into the desert sand. His coat is also very thick in texture to keep the sun from burning his skin.

His Feet: Jeffrey's feet are big and padded so he can walk for long periods of time and the hot sun won't burn his feet.

His Hump: Jeffrey's hump is a place for him to store fat. Although many believe that camels carry water in their humps, that is not true. Camels carry fat that they can later use to turn into energy.

His Lips: Jeffrey has big lips that he uses to eat scrubs and weeds in the desert the thickness of his lips protects him from any pokey cactus or sticks that could otherwise be harmful to him. Here at Lewis Farms Jeffrey just uses his lips to eat his favorite treat which is animal crackers.

Ring Tailed Lemurs

We have two ring-tail lemurs here at Lewis', their names are Lola and King Julian. They hang out in our bird aviary because at times it's too cold for them to be outside with the rest of our friends. This is due to the fact that they are native to the islands of Madagascar where it's much warmer than Michigan.



Hands: Lemurs have human-like hands that they use for gripping branches when climbing. They also use their hands to feed their young and themselves.

Eyes: Lemurs have big eyes that to help them see in the dark.

Tails: Lemurs use their big fluffy ring-tails to communicate with each other. They do so by waving them back and forth much like humans wave their hands.

Nose: Lemurs have a very good nose that they use for hunting food. Their nose stays wet to help them hunt in the night time.

Now that being said, Lola and Julian cannot survive in Jeffrey's habitat and Jeffrey wouldn't survive well in the Lemurs habitat.

Ask the students these questions:

Could Lola and Julian survive in Jeffrey's native habitat?

How well would Jeffrey survive in Lola and Julian's native habitat?