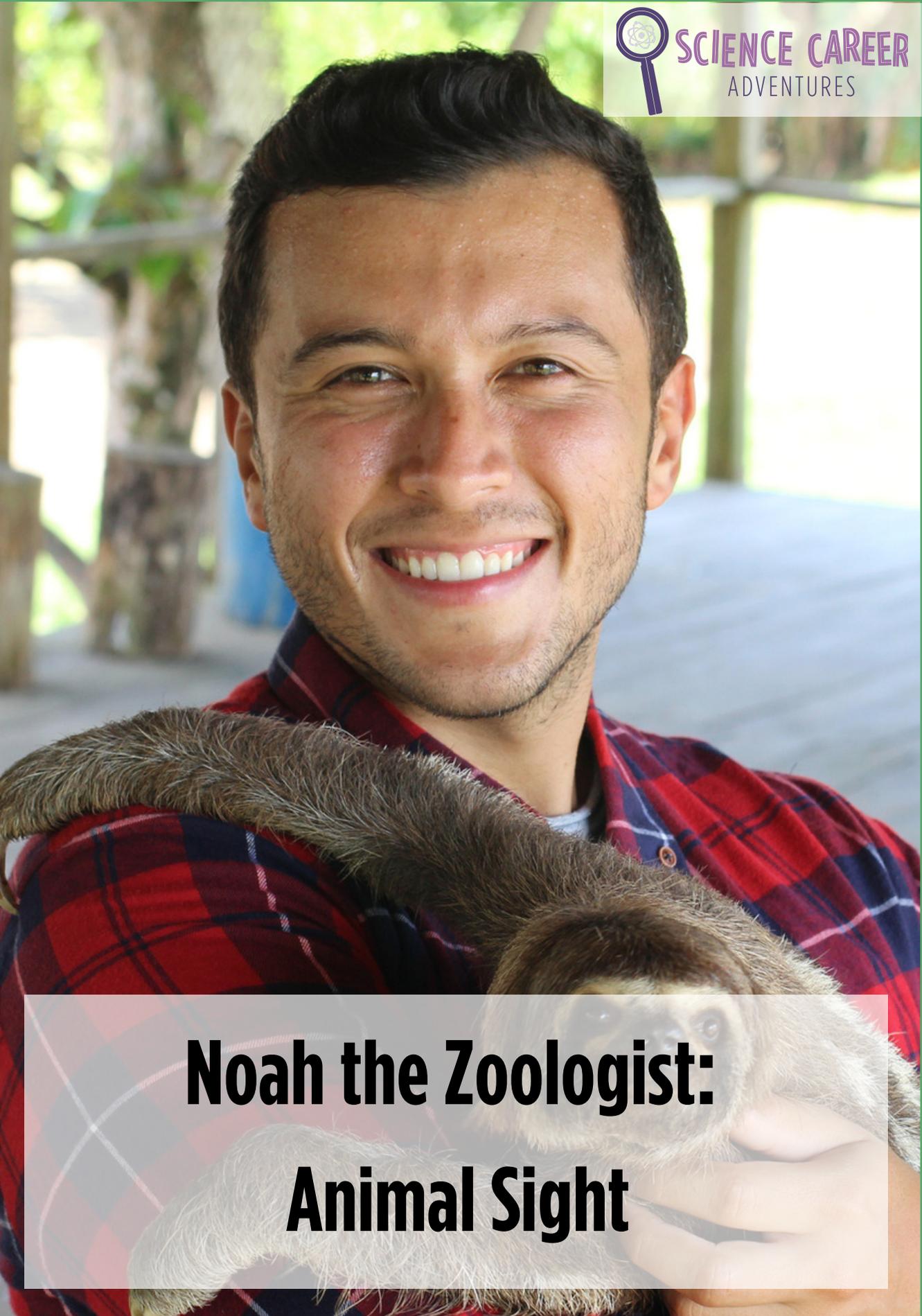


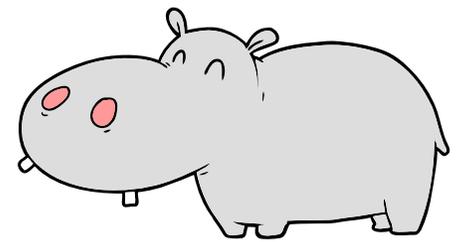
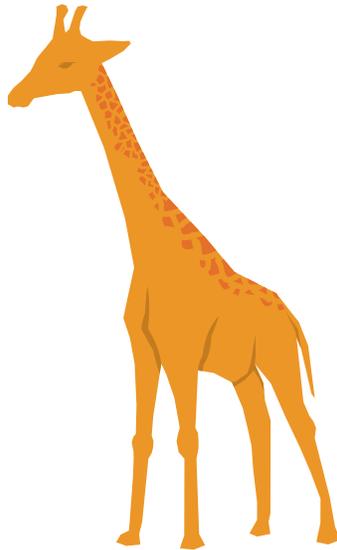
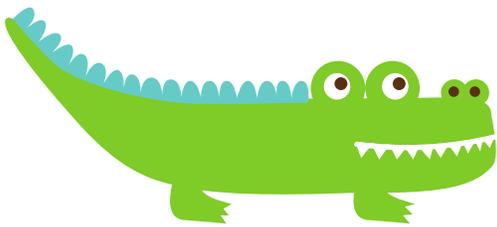


SCIENCE CAREER
ADVENTURES



**Noah the Zoologist:
Animal Sight**

Who is Noah?



Hi! My name is Noah. I'm a zoologist. A zoologist is a scientist that studies animals, and the ways they behave. Zoologists can study animals in the wild or in captivity.

Examples of Projects

Here are a few things that zoologists can do!



Learn about how animals' body parts, like wings, hooves, or tails, help them survive.



Count how many animals are left in a population to figure out if animals are endangered.



Take a blood sample from an animal to see if it is sick.

Being a Zoologist

Most zoologists have a specialty. A specialty is when someone has spent lots of time studying one topic and becomes an expert on it.

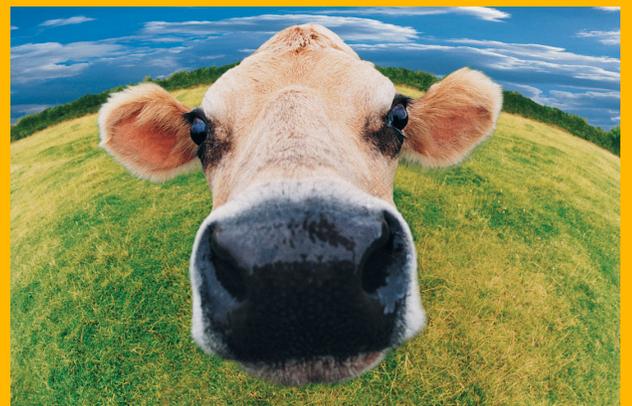
For example, some zoologists specialize in animal nutrition or what animals eat. They need to know what animals should eat to be healthy and how much they should eat.



Other zoologists specialize in animals that have vertebrae or backbones. For example, a bear and a kangaroo both have backbones, but a jellyfish does not.

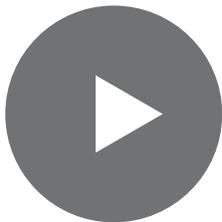


My specialty is animal vision. This means I am an expert on how animals see!



My Podcast

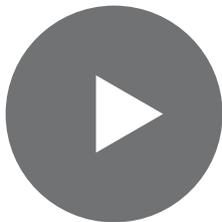
Right now, I am recording a podcast called "Eyes of the Wild." This podcast will teach people about how different animals see!



Episode 1:

How Animals See

Learn all about how lions see the world!



Episode 2:

Coming Soon!

Learn about a deep sea fish's eyesight!

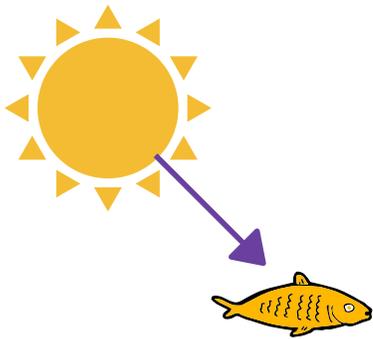


Recording a New Podcast Episode

Today, I am recording a new podcast episode. The episode will be called "How Animals See." In the first part of the episode, I am going to talk about what actually happens when an animal looks at an object. Here are the steps:

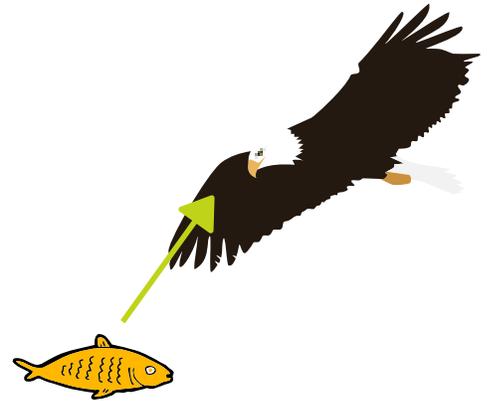
1

First, light bounces off an object. For example, if an eagle is hunting for fish, light would bounce off of a fish.



2

Then, the light enters the animal's eyes.



3

Next, the eye sends a message to the brain about what it sees.



4

Lastly, the animal can see that object and choose to act.



Recording a New Podcast Episode

Next, I am going to talk about how animals see differently. Some animals can see colors and others can't. Some have a lot of eyes, and some have two eyes.



For example, a scallop is an animal that lives in the ocean and has between 50 and 100 eyes! Each eye is like a tiny mirror. As light comes into the scallop's eyes, it hits the mirror at the back of each eye. Then, it bounces back to the front of the eye, allowing the scallop to see.



Editing and Uploading Podcast

Once the podcast is recorded, I will edit it. I will add in some music at the beginning and at the end. Then, I will upload the podcast to YouTube and different podcast apps.

