



Virtual STEAM Mobile - Endangered Animals

WWF Application Exploration

Badge Requirements:

- Junior Animal Habitats, Steps 1 and 4

Materials

- WWF Together App, free and found in the App Store on smartphones and tablets or the ability to visit <https://www.worldwildlife.org/species>
- Pencil
- Question Guide below

Definitions

- *Wildlife Conservation* the practice of protecting wildlife and their habitats.
- *Species* A group of closely related organisms that are very similar to each other and usually capable to produce offspring.
- *Population* all the members of a species that live in a one area.

Introduction

In this activity we will explore the WWF Together App which will allow us to discover amazing facts about many different animals. To do this we will first understand what wildlife conservation is, talk about some levels of the IUCN Red List of Threatened Species, and review reasons why species such as plants and animals become threatened.

Wildlife Conservation is the practice of protecting wildlife and their habitats. The reason we need wildlife conservation is due to the fact that populations of plants and animals from all over the world are decreasing. If we lose all plants and animals humans will become endangered too!

There are many reasons why plants and animals may become threatened (that is, their population begins to decrease to a point where they may soon become endangered). Look at the list below and point out the reasons you already know of and explore deeper in the reasons you want to learn more about. Can you find one plant or animal for every category on the list?

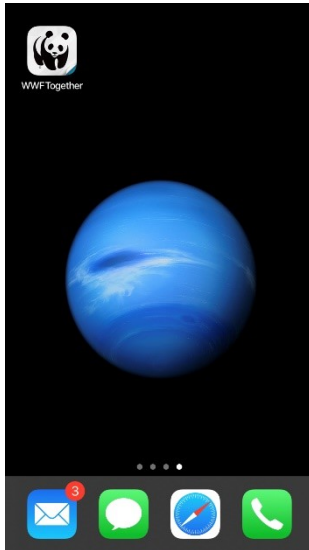
- Reasons why plants and animals become threatened:
 - Habitats are changed/destroyed (Habitat includes all the things animals need to survive)
 - Killed for sport or food or profit
 - Natural event (volcano)
 - Climate change
 - Pollution
 - Pesticides
 - Invasive species species introduced to a new habitat that may endanger the native species
 - Taking species from the wild
 - Lack of genetic diversity

Now that we know some reasons why plants and animals can become threatened let's take a look at some animals that have become endangered! See the next page for the next part of this activity!

Activity

- Step 1: Download the WWF Together App (if you don't have an IOS system see below for how to complete the activity another way!)
- Step 2: Open the App and hit start!
- Step 3: Swipe to scroll through the list of animals and choose one or more that you would like to learn more about! Choose enter to explore that animal!
- Step 4: By filling in the below questions about each animal you will explore the animals in depth.

STEP 1



STEP 2



STEP 3



STEP 4:

1. Animal: _____
2. Fun Fact:

3. Threats (circle all that apply):

Habitat Loss Hunting Die Off Illegal Trade Human Conflict Bycatch

Climate Change Poaching Oil Development & Shipping Pollution Whaling

Shark Finning Overfishing Oil Exploration Pesticides Infrastructure

Human Development Fossil Fuels Bushmeat

4. How are humans (WWF) helping?

If you don't have an iPhone, iPad, or you are having difficulty downloading the app, visit <https://www.worldwildlife.org/species> and click on the species you want to learn more about!

- Find the "Species" tab at the top of the page and click
- The page will then show 15 different species
 - Tiger, Polar Bear, Panda, Amur Leopard, Orangutan, Sea Turtle, Chimpanzee, Elephant, Plains Bison, Vaquita, Rhino, Dolphins & Porpoises, Gorilla, Whale, and Bonobo.
- Select one and use the Question Guide above!

Wrap Up

- What is Wildlife Conservation?
- What is one thing you can do to help protect these animals?
- Share with a friend or family member something you learned about the animals that you looked at!