

# Extinction Stinks!

Duration: three weeks (15 instructional hours)

**Driving Question: How can we prevent a species from going extinct while also meeting the needs of the humans and other local species?**

## Lesson 1:

### It's All About the Resources

How does the availability of resources in an ecosystem impact individual populations of species?

#### Activity 1:

S.O.S—Saving Our Species  
(50 mins)

#### Activity 2:

The Roots of Extinction  
(50 mins)

#### Activity 3:

No Species Lives in Isolation  
(50 mins)

#### Activity 4:

Ecosystems Help Everyone—Even Humans  
(75 mins)

## Lesson 2:

### Eliminating Extinction—It's Complicated!

What are some solutions designed to protect species at risk of extinction?

#### Activity 1:

Challenges Faced by Endangered Species  
(100 mins)

#### Activity 2:

Bouncing Back From Extinction  
(75 mins)

#### Activity 3:

The Power of Story  
(50 mins)

#### Activity 4:

Helping the Sumatran Rhino  
(50 mins)

## Lesson 3:

### Sharing Solutions

What do we recommend as the best conservation solution to help prevent our species from going extinct?

#### Activity 1:

Wish? Grant It.  
(100 mins)

#### Activity 2:

Present Like a Pro  
(100 mins)

#### Activity 2:

Sharing and Evaluating Solutions  
(50 mins)

## Project-Based Learning Unit Product

Students tell a story about their target species through a grant proposal and pitch explaining how their design solution meets the needs of the target species, other living things in the environment, and local human populations. Their goal as conservationists is to compel funders to support their idea for conservation, as they undertake the authentic practices associated with an in-person grant application/project pitch.