

INCLUDES GOOGLE SLIDES

RESEARCH ACTIVITIES

ENDANGERED ANIMALS RESEARCH

Your job today is to pick one
endangered animal to research.

If you do not pick your animal
today, try to at least narrow it
down to 2 or 3 animals.



marine iguana = vulnerable

GRADES
4-7

“Endangered Animals”



THREE EDITABLE FORMATS

GIANT PANDA

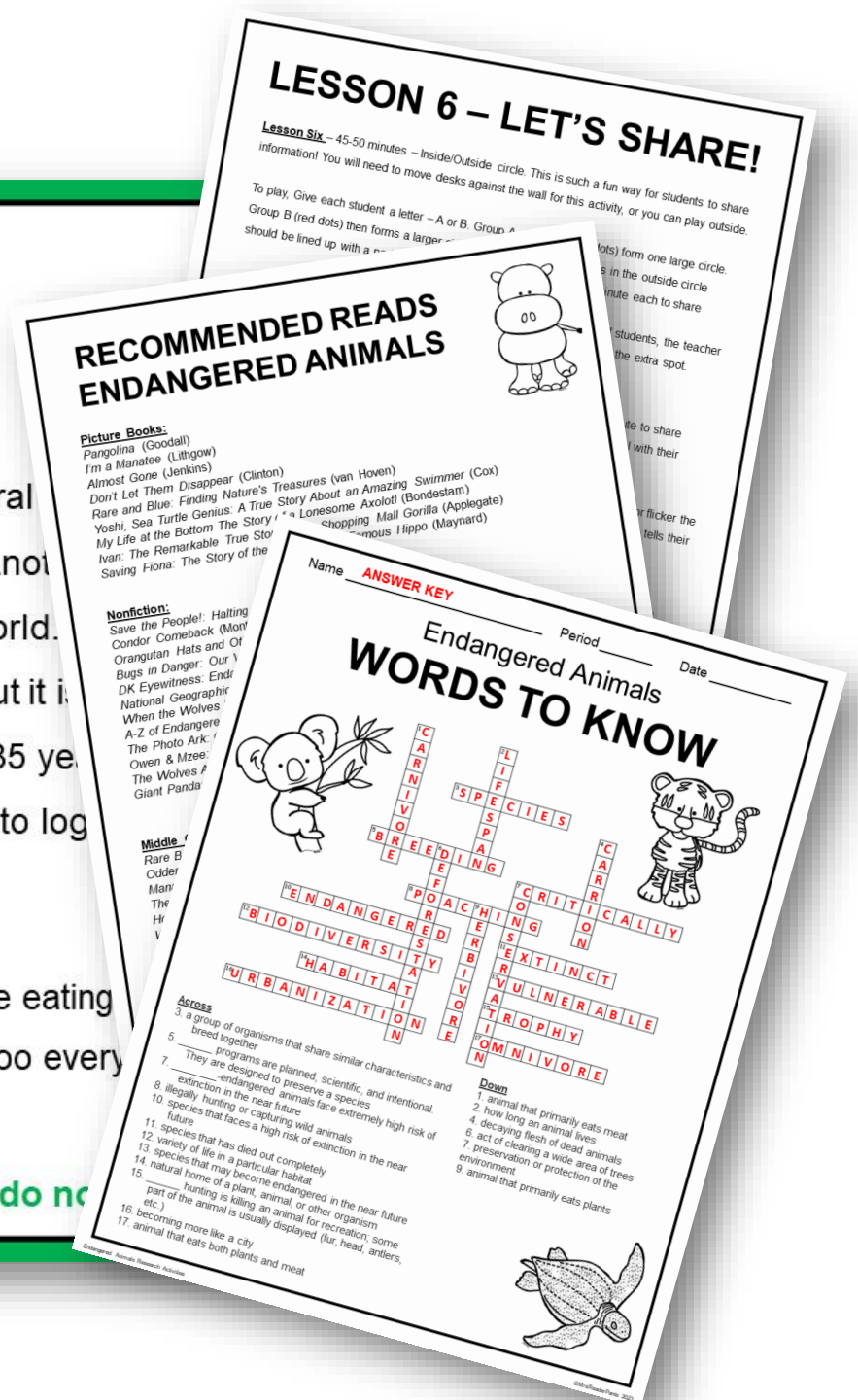


- Live in forested mountain ranges in Central China
- Only 1864 giant pandas live in the wild. Another 1,000 live in zoos and breeding centers around the world.
- Average lifespan in the wild: unknown, but it is believed to be shorter than lifespans in zoos (about 35 years).
- “Vulnerable” because of habitat loss due to logging and agriculture

FUN FACT: Giant pandas spend a lot of time eating bamboo. They have to eat 20-40 pounds of bamboo every day.

Vulnerable: Population decreasing; at risk of becoming endangered if circumstances do not change.

Endangered Animals Research Project



All printable materials except crossword are editable in PowerPoint, Google Slides, and PDF.

Presentation is editable in PPT and Google Slides.

LESSON PLAN TEMPLATE

Aligned to AASL, CCSS, and TEKS

The image displays three overlapping lesson plan templates. The top template is titled 'LESSON PLAN' and includes sections for 'DATES', 'GRADES', 'SUPPLIES AND RESOURCES NEEDED', 'AASL STANDARDS FRAMEWORK', 'COMMON CORE STANDARDS', 'TEKS', 'THE STUDENTS WILL...', 'CONCEPTS INCLUDE:', and 'EARLY-FINISHER ACTIVITIES'. The middle template is titled 'LESSON OBJECTIVES' and lists six objectives for students. The bottom template is titled 'NOTES ON THIS LESSON:' and provides space for additional notes. The templates are designed to be aligned with AASL, CCSS, and TEKS standards.

LESSON PLAN

DATES
TYPE LESSON DATE HERE

GRADES
TYPE GRADE LEVEL(S) HERE

SUPPLIES AND RESOURCES NEEDED

- Computer, projector or TV screen, slide "clicker"
- Endangered animals research books, websites, and/or

AASL STANDARDS FRAMEWORK

- [AASL D.1.3](#)
Enacting new understanding through re
- [AASL C.V.1](#)
Expressing curiosity about a topic of pe

COMMON CORE STANDARDS

- [CCSS.ELA-LITERACY.CCRA.R.10](#)
Read and comprehend complex literary
- [CCSS.ELA-LITERACY.RI.4.10](#)
By the end of year, read and comprehend and technical texts, in the grades 4-5 te high end of the range.
- [CCSS.ELA-LITERACY.RI.5.3](#)
Explain the relationships or interactions historical, scientific, or technical text be

TEKS

- [§112.14. SCIENCE, GRADE 3](#)
(1C) Within the living environment, stu investigating characteristics of organis environment.
- [§112.15. SCIENCE, GRADE 4](#)
4.7(C) identify and classify Earth's re nonrenewable resources, including c
- [§112.16. SCIENCE, GRADE 5](#)
(9C) Predict the effects of changes ir such as the overpopulation of grazer

THE STUDENTS WILL...

- Listen and participate in whole-group discussion about 5 classifications of endangered species
- Identify animals that are in each endangered group
- Define poaching, species, deforestation, endangered, vulnerable, extinct, and other terms
- Discuss why some animals are endangered and what humans can do to help the animals
- Write a two-paragraph research essay about an endangered animal of their choice
- Present their endangered animal research findings to classmates in an inside-outside circle format.
- Listen actively as their classmates report their research findings in an inside-outside circle format.

CONCEPTS INCLUDE:

- habitat loss
- species
- omnivore, herbivore, carnivore
- poaching, pet trade, trophy-hunting
- pollution, climate change, global warming, urbanization
- overfishing, finning
- biodiversity
- conservation, breeding programs
- 5 classifications of endangered animals: vulnerable, endangered, critically-endangered, extinct in the wild, and extinct

EARLY-FINISHER ACTIVITIES

- Complete the vocabulary crossword
- Read a book from the Recommended Reads list
- Help students who are still worki-
- Browse the end-

LESSON OBJECTIVES

Objective 1: Students will select and research one endangered or extinct animal of their choice, focusing specifically on why the animal is endangered and regular people can do (or not do) to help.

Objective 2 (optional): Students will define 18 vocabulary words related to endangered animals.

Objective 3: Students will use at least two endangered animals in a two-paragraph research essay.

Objective 4: Students will write a short (2 paragraphs) essay about an endangered animal.

Objective 5: Students will present their endangered animal research findings to classmates in an inside-outside circle format.

Objective 6: Students will listen actively as their classmates report their research findings in an inside-outside circle format.

NOTES ON THIS LESSON:
Use this space for any notes you might want to remember about this lesson next year. Is there anything you want to add or change next year?

Type here

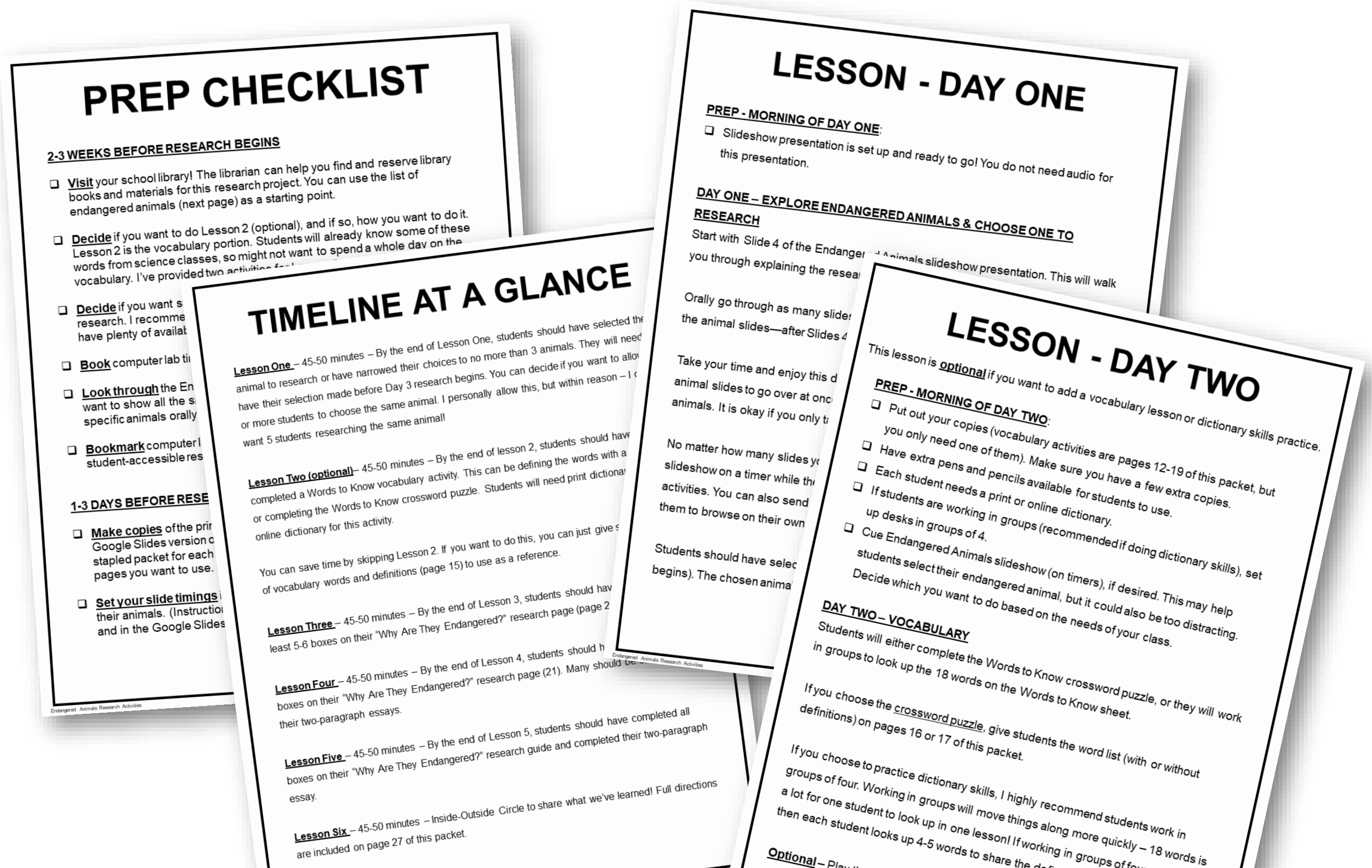
All make

Type here

100% editable in PowerPoint,
PDF, and Google Slides!

DETAILED PROCEDURES

Daily prep and activities instructions




Includes six days of detailed lesson procedures, prep instructions, and tips

ANSWER KEYS

Yep! They are included, too!

ANSWER KEY

WORDS TO KNOW



biodiversity: variety of life in a particular habitat

breeding programs: planned, scientific species

carnivore: animal that primarily eats meat

carrion: decaying flesh of dead animals

conservation: preservation or protection

critically-endangered: faces extremely high risk of extinction

deforestation: act of clearing a wild area

endangered: faces a high risk of extinction

extinct: species has died out completely

habitat: natural home of a plant, animal, or other organism

herbivore: animal that primarily eats plants

lifespan: how long an animal lives

omnivore: animal that eats both plants and animals

poaching: illegally hunting or capturing wild animals

species: a group of organisms that share similar characteristics

trophy-hunting: killing an animal for its body parts (fur, head, antlers, etc.)


urbanization: becoming more like a city

vulnerable: may become endangered

Endangered Animals Research Activities

ANSWER KEY

Endangered Animals
WORDS TO KNOW



3. a group of organisms that share similar characteristics and can breed together

5. breeding programs are planned, scientific, and designed to preserve a species

7. critically-endangered animals face extremely high risk of extinction in the near future

8. illegally hunting or capturing wild animals

10. species that faces a high risk of extinction in the near future

11. species that has died out completely

12. variety of life in a particular habitat

13. species that may become endangered in the near future

14. natural home of a plant, animal, or other organism

15. trophy hunting is killing an animal for recreation; some part of the animal is usually displayed (fur, head, antlers, etc.)


16. becoming more like a city

17. animal that eats both plants and meat

Endangered Animals Research Activities

Name SAMPLE Period _____ Date _____

WHY ARE THEY ENDANGERED?



Directions: Choose an endangered animal to research. Use the library and databases to find out more about your animal.

What animal species did you choose?

Tasmanian tiger / thylacine

What kind of animal is it? (mammal, fish, insect, crustacean, etc.)

mammal, marsupial

Describe your animal's habitat.

Lived in Australia, specifically Tasmania

How many are left in the wild?

Zero; they are extinct

What is your animal's official endangered status?

extinct

How can average people help protect this animal?

This animal is extinct, so we cannot save it now. In the past, we could have increased awareness of poaching and helped to protect its habitat.

What does your animal eat?

Kangaroos, other marsupials, rodents, birds

What is your animal's lifespan?

10-15 years

Why is this animal endangered?

Fighting with dogs; poaching; loss of habitat

Endangered Animals Research Activities

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DAY ONE

Introduction + Presentation

PANGOLIN



- Live in Asia and Africa in tropical forests, dry woodlands, and savannah
- Endangered due to illegal poaching. Pangolins are considered the most trafficked animal in the world. Their scales are used in traditional medicine, and their meat is a delicacy.
- Average lifespan in the wild: unknown. In captivity: 19 years.
- Pangolins eat ants, termites, and larvae that they pick up with their long, sticky tongues.

FUN FACT: Pangolins are the only mammals that are completely covered in scales.

Critically endangered: extremely high risk of extinction in the wild

Endangered Animals Research Project

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Introduces students to research project and helps spark student interest in endangered animals.

Includes 32 editable slides with 27 featured animals.

DAY TWO

Vocabulary Activities

Endangered Animals
WORDS TO KNOW

Name _____ Period _____ Date _____

Crossword + separate word bank (optional)

WORDS TO KNOW

Directions: Define each word in the grid below.

biodiversity breeding programs

carrion

ANSWER KEY

Endangered Animals
WORDS TO KNOW

Name _____ Period _____ Date _____

Dictionary activity – 2 versions

WORDS TO KNOW

Define each word in the grid below.

herbivore lifespan

ANSWER KEY

Endangered Animals
WORDS TO KNOW

Name _____ Period _____ Date _____

WORDS TO KNOW

Define each word in the grid below.

conservation

critically-endangered

deforestation

endangered

extinct

habitat

herbivore

lifespan

omnivore

poaching

species

trophy-hunting

urbanization

vulnerable

Includes 18 terms that all appear in the presentation;
two activities include crossword and dictionary activity

DAYS 3-5

Research Guide + Essay

The image shows two overlapping worksheet pages. The left page is a research guide titled "WHY ARE THEY ENDANGERED?" with a gorilla illustration. It includes fields for Name, Period, and Date, and nine questions about an endangered animal. The right page is an essay prompt titled "WHY ARE THEY ENDANGERED?" with writing directions and lined space for the essay.

Page 1: Research Guide

Name _____ Period _____ Date _____

WHY ARE THEY ENDANGERED?

Directions: Choose an endangered animal to research.
Use the library and databases to find out more about your animal.

What animal species did you choose?

What kind of animal is it? (mammal, fish, insect, crustacean, etc.)

Describe your animal's habitat.

What does your animal eat?

How many are left in the wild?

What is your animal's lifespan?

What is your animal's official endangered status?

Why is this animal endangered?

How can average people help protect this animal?

Page 2: Essay Prompt

Name _____ Period _____ Date _____

WHY ARE THEY ENDANGERED?

Directions: Write two paragraphs about your endangered animal.
Try to include at least 2-3 of the vocabulary words we've studied.

Page one is a research guide with 9 questions;
page two is two-paragraph essay prompt.
Editable in PowerPoint, PDF, and Google Slides

DAY 6

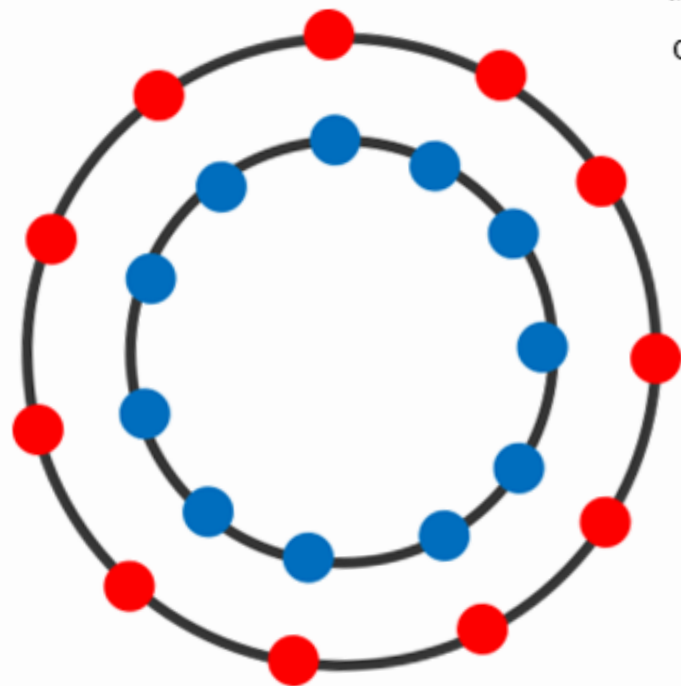
Sharing our research

LESSON 6 – LET'S SHARE!

Lesson Six – 45-50 minutes – Inside/Outside circle. This is such a fun way for students to share information! You will need to move desks against the wall for this activity, or you can play outside.

To play, Give each student a letter – A or B. Group A students (blue dots) form one large circle. Group B (red dots) then forms a larger circle around Group A. Students in the outside circle should be lined up with a partner in the inside circle. Students have 1 minute each to share

If you have an odd number of students, the teacher or other adult can step in to fill the extra spot.



Inside/Outside Circle

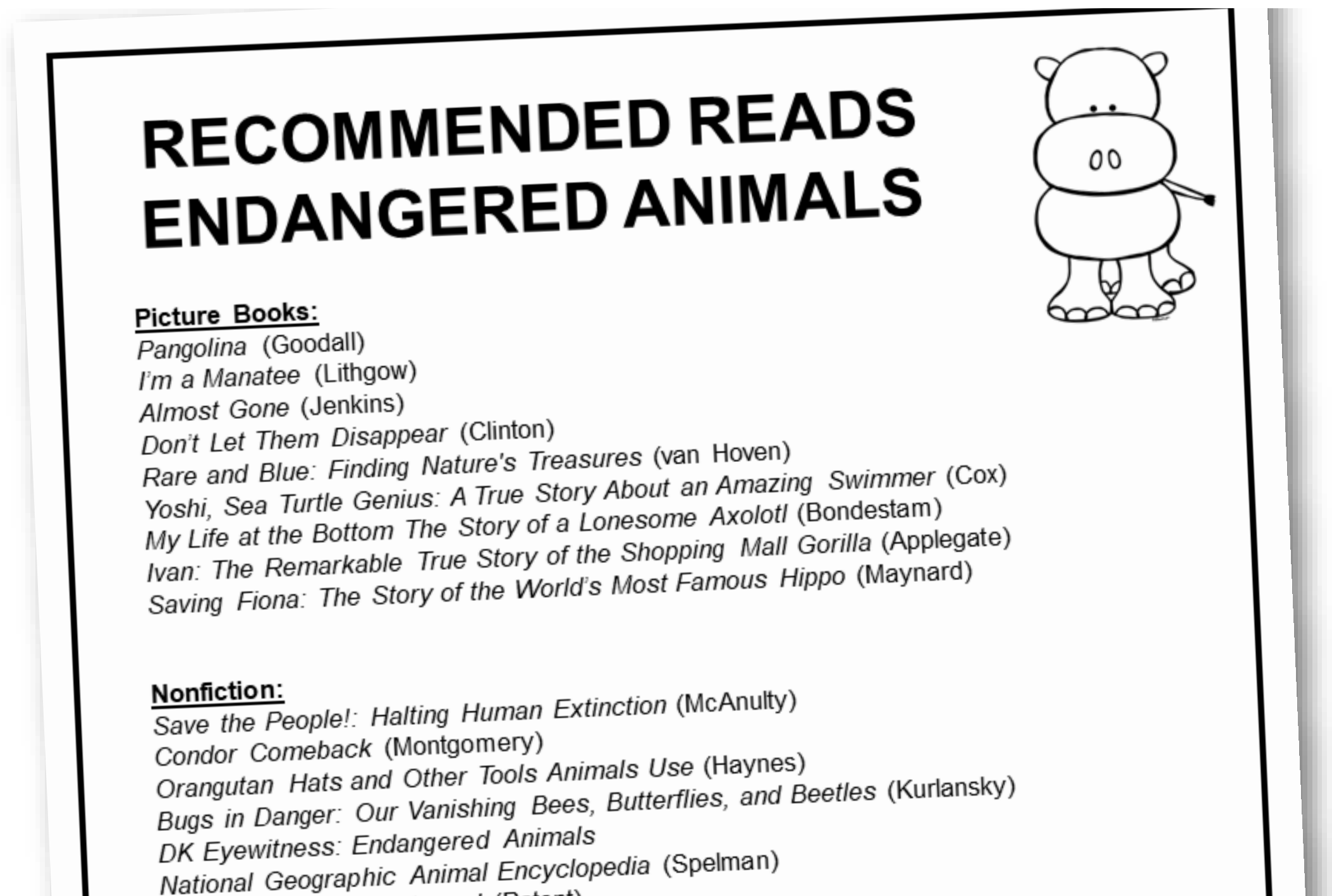
Outside circle gets one minute to share information about their animal with their partner in the inside circle.

After one minute, blow a whistle or flicker the lights, then the inside circle person tells their partner about their animal.

Students share their research in an Inside-Outside Circle. Full directions are included!

RECOMMENDED READS

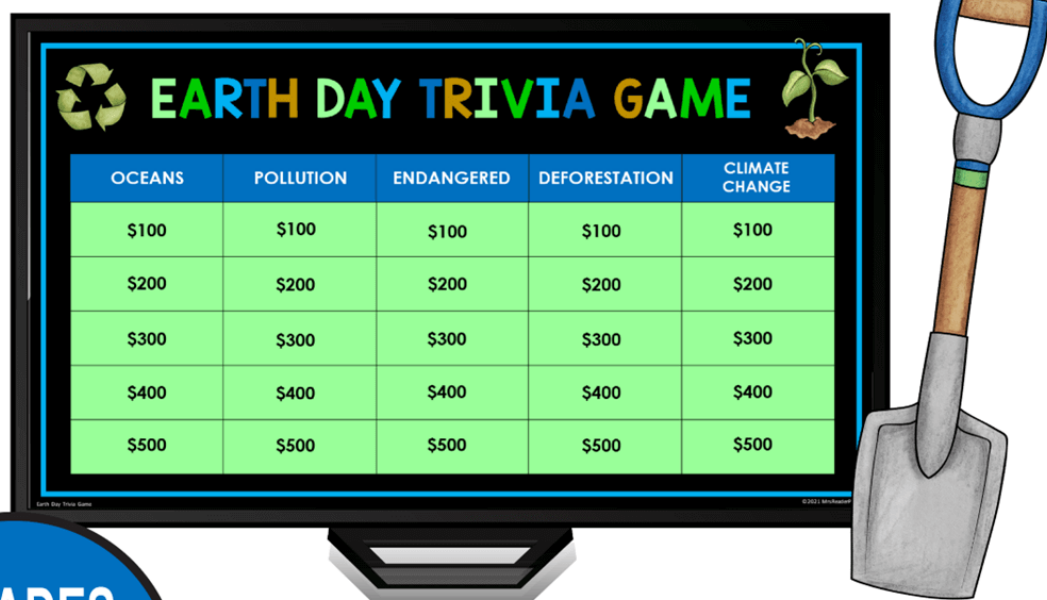
To extend learning



Extend student learning and interest! This is an editable list of recommended picture books, middle grade fiction, nonfiction, and poetry books about endangered animals. Also great for early finishers or to send home with students.

LOOKING FOR MORE?

EARTH DAY PPT TRIVIA GAME



GRADES
4-7

For libraries and classrooms



25-question trivia game;
play and edit in PPT.
Click the product cover
to view on TPT.

Bundle the Research
Activities with the trivia
game! Click the product
cover to view on TPT.

EARTH DAY

Activity Bundle

INCLUDES GOOGLE SLIDES
**RESEARCH
ACTIVITIES**

ENDANGERED ANIMALS RESEARCH



GRADES
4-7

"Endangered Animals"

**EARTH DAY
PPT TRIVIA GAME**



GRADES
4-7

For libraries and classrooms



GRADES
4-7

PPT, Research, and Trivia Game

