

EARTH DAY

Activity Bundle

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

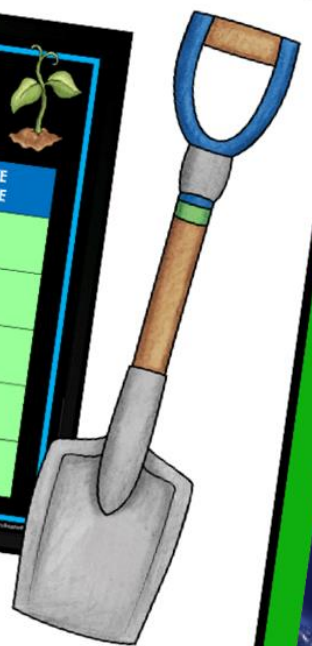
"Endangered Animals"

EARTH DAY PPT TRIVIA GAME



EARTH DAY TRIVIA GAME

OCEANS	POLLUTION	ENDANGERED	DEFORESTATION	CLIMATE CHANGE
\$100	\$100	\$100	\$100	\$100
\$200	\$200	\$200	\$200	\$200
\$300	\$300	\$300	\$300	\$300
\$400	\$400	\$400	\$400	\$400
\$500	\$500	\$500	\$500	\$500



GRADES
4-7

For libraries and classrooms



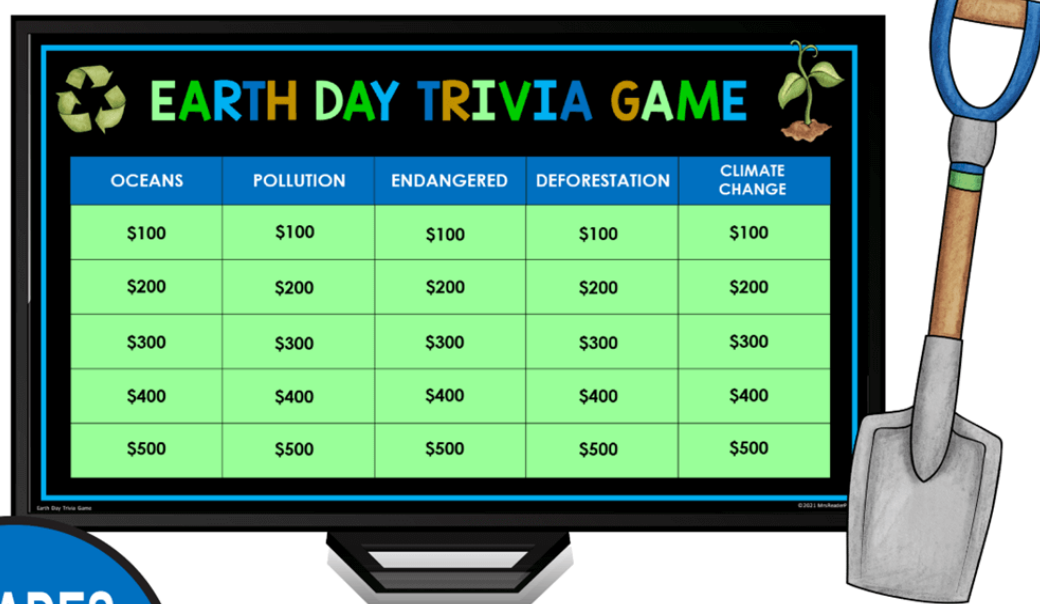
GRADES
4-7

Research Activities & Trivia Game



INCLUDES BOTH:

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.

32 editable PPT slides
about 27 endangered
animals + 13 printable
student pages + detailed
lesson plan

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.

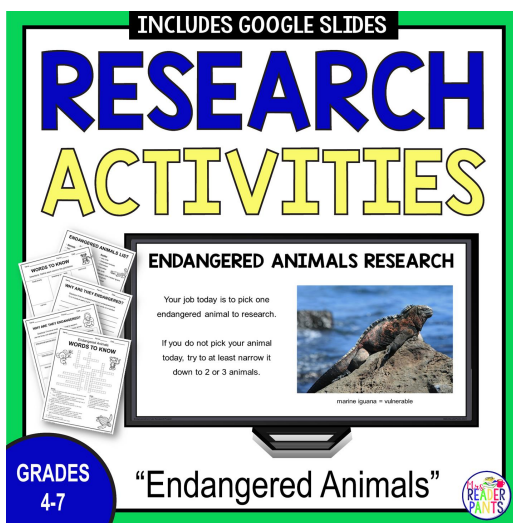


marine iguana = vulnerable

GRADES
4-7

"Endangered Animals"





ENDANGERED ANIMALS Presentation

HAMMERHEAD SHARK



Scalloped hammerhead

- Live in ocean, both near coastlines and in deeper waters. They live in warm, tropical waters all over the world but migrate to cooler water in the summers.
- Populations decreasing rapidly due to shark finning (cutting off fins for shark fin soup)
- Average lifespan in the wild: 20-30 years

HIPPOPOTAMUS



- Lives in wetlands, lakes, and rivers of sub-Saharan Africa
- Average lifespan in the wild: up to 50 years
- 2 species exist: common hippo and pygmy hippo
- Endangered due to habitat loss, deforestation, human consumption, ivory trade
- Hippos can be very dangerous to humans. They are aggressive and kill about 500 people per year.

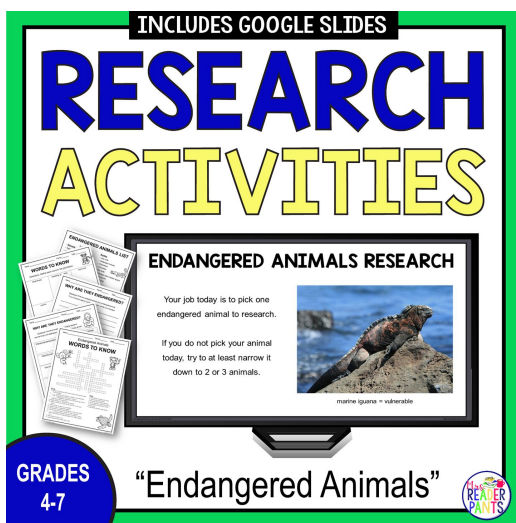
FUN FACT: Long incisors (teeth) are used as weapons only.
Hippos use their wide lips to eat grasses.

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

32 editable slides; 27 featured animals

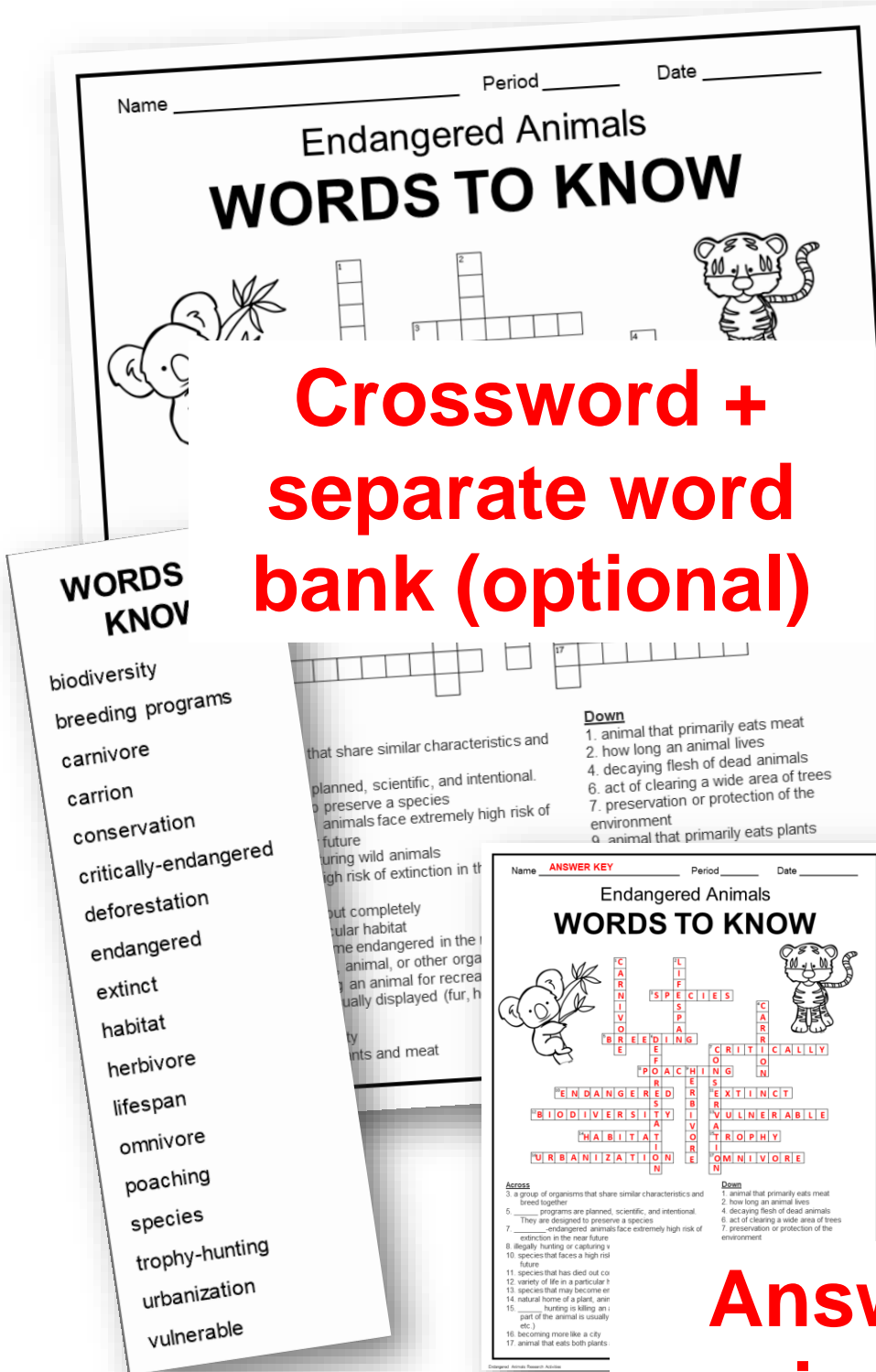
[illegible]

Editable in PPT, Google Slides, and PDF

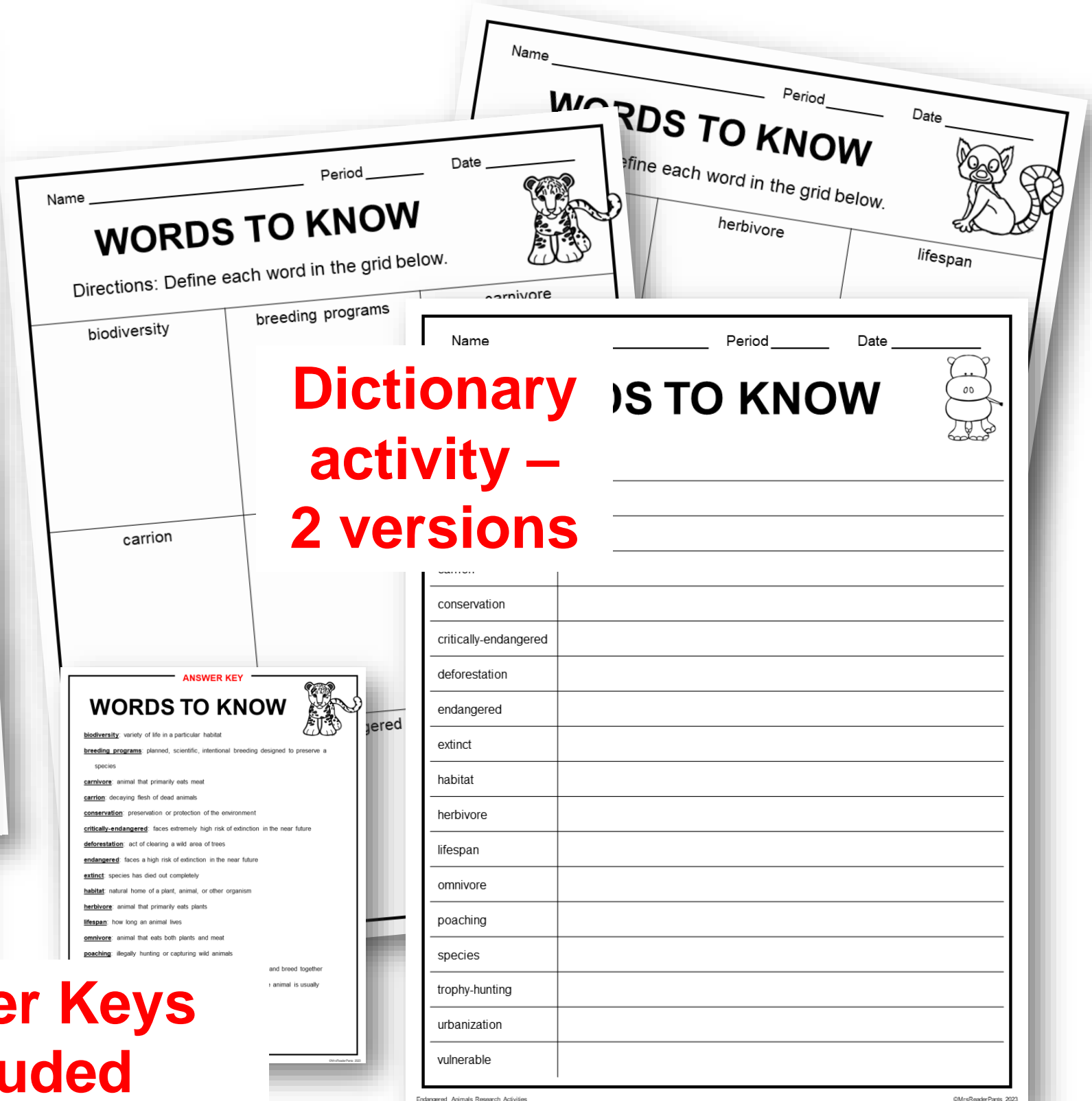


ENDANGERED ANIMALS

Vocabulary Activities



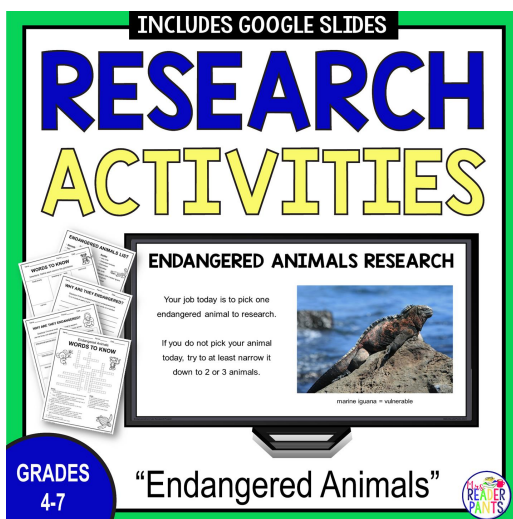
**Crossword +
separate word
bank (optional)**



**Dictionary
activity –
2 versions**

**Answer Keys
included**

Includes 18 terms (all are in the presentation),
crossword puzzle, dictionary skills
practice, and answer key



LESSON PLAN TEMPLATE

Aligned to AASL, CCSS, and TEKS

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

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 to their classmates in an inside-outside circle format.

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

LESSON PLAN

DATES
TYPE LESSON DATE HERE

GRADES
TYPE GRADE LEVEL(S) HERE

AASL STANDARDS FRAMEWORK
[AASL D.1.3](#)
Enacting new understanding through research
[AASL C.V.1](#)
Expressing curiosity about a topic of personal interest

COMMON CORE STANDARDS
[CCSS.ELA-LITERACY.CCRA.R.10](#)
Read and comprehend complex literary and informational texts on multiple levels of meaning, drawing on their own and others' prior knowledge and experiences as well as on their reading and content area knowledge to make inferences and conclusions about a text.
[CCSS.ELA-LITERACY.RI.4.10](#)
By the end of year, read and comprehend literary and informational texts, in the grades 4-5 text complexity band, independently and proficiently.
[CCSS.ELA-LITERACY.RI.5.3](#)
Explain the relationships or interactions between two or more issues or topics presented in the text and draw on that explanation to support a text analysis.

TEKS
[§112.14. SCIENCE, GRADE 3](#)
(1C) Within the living environment, students investigate characteristics of organisms and their interactions with the environment.
[§112.15. SCIENCE, GRADE 4](#)
4.7(C) identify and classify Earth's renewable and nonrenewable resources, including energy resources.
[§112.16. SCIENCE, GRADE 5](#)
(9C) Predict the effects of changes in the environment, such as the overpopulation of grazers.

SUPPLIES AND RESOURCES NEEDED
• Computer, projector or TV screen, slide "clicker"
• Endangered animals research books, websites, and/or videos

LESSON PLAN

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.

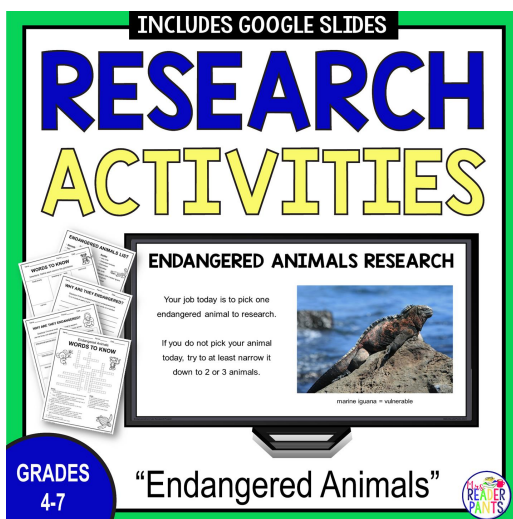
CONCEPTS INCLUDE:

- 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

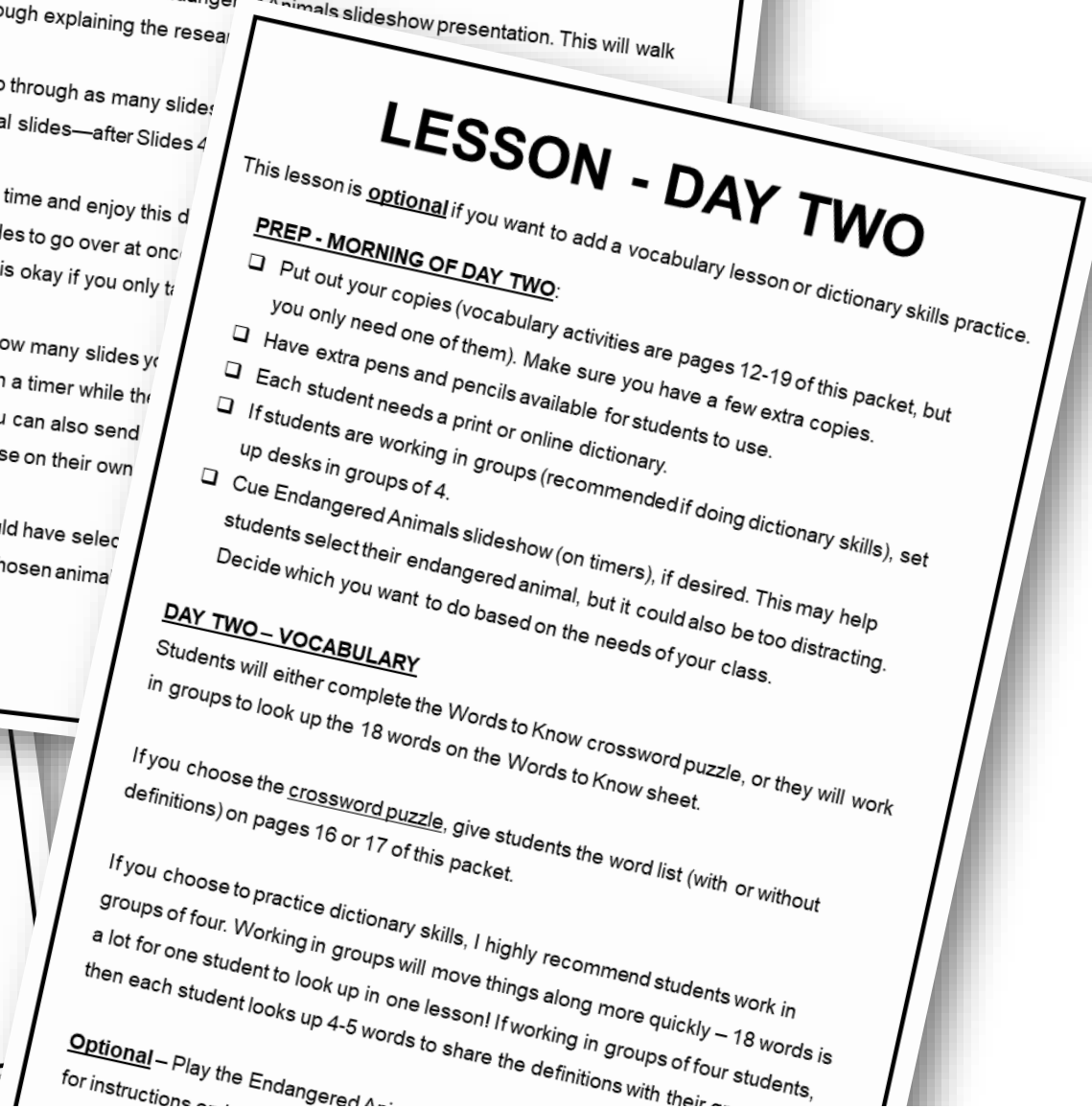
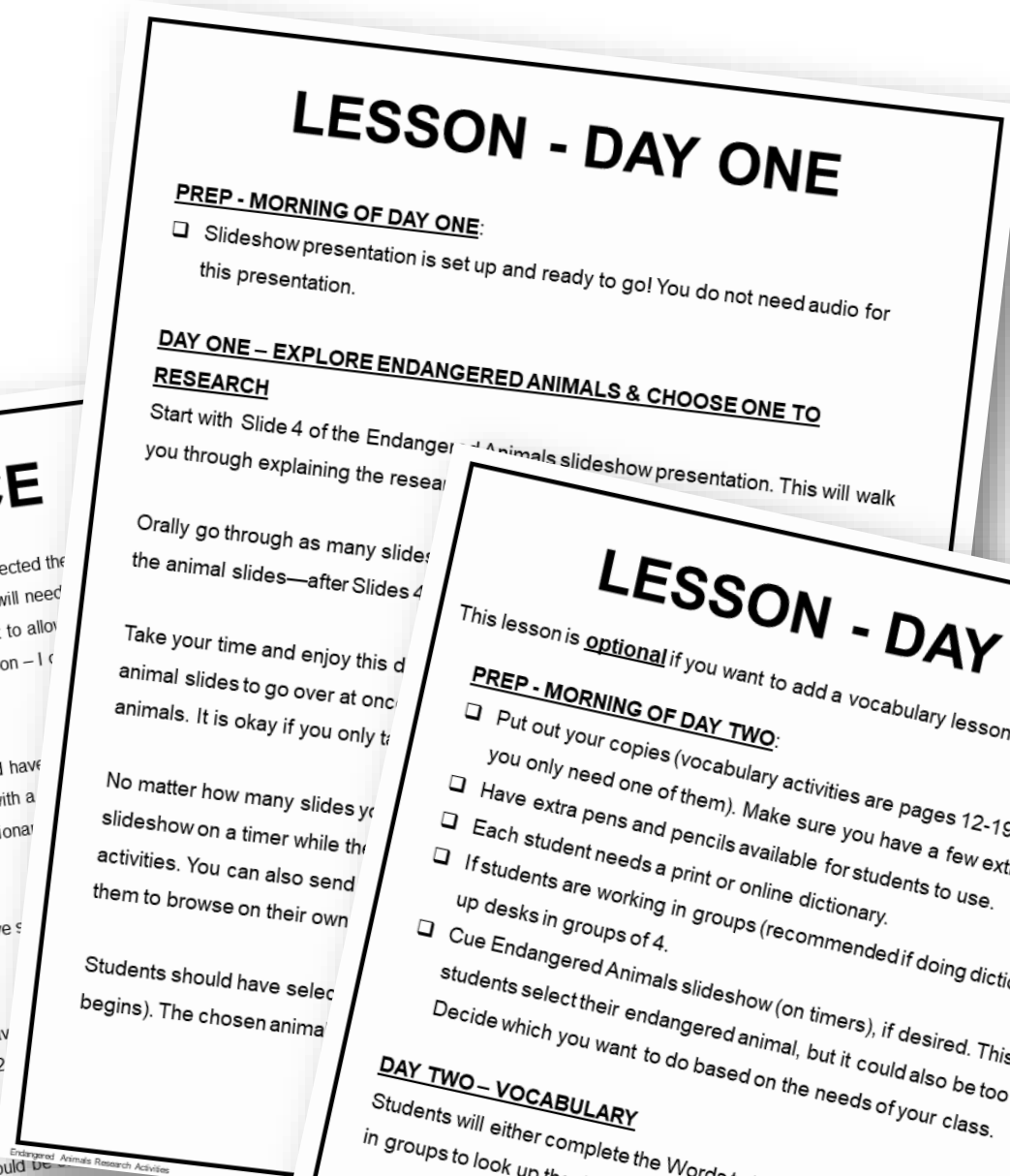
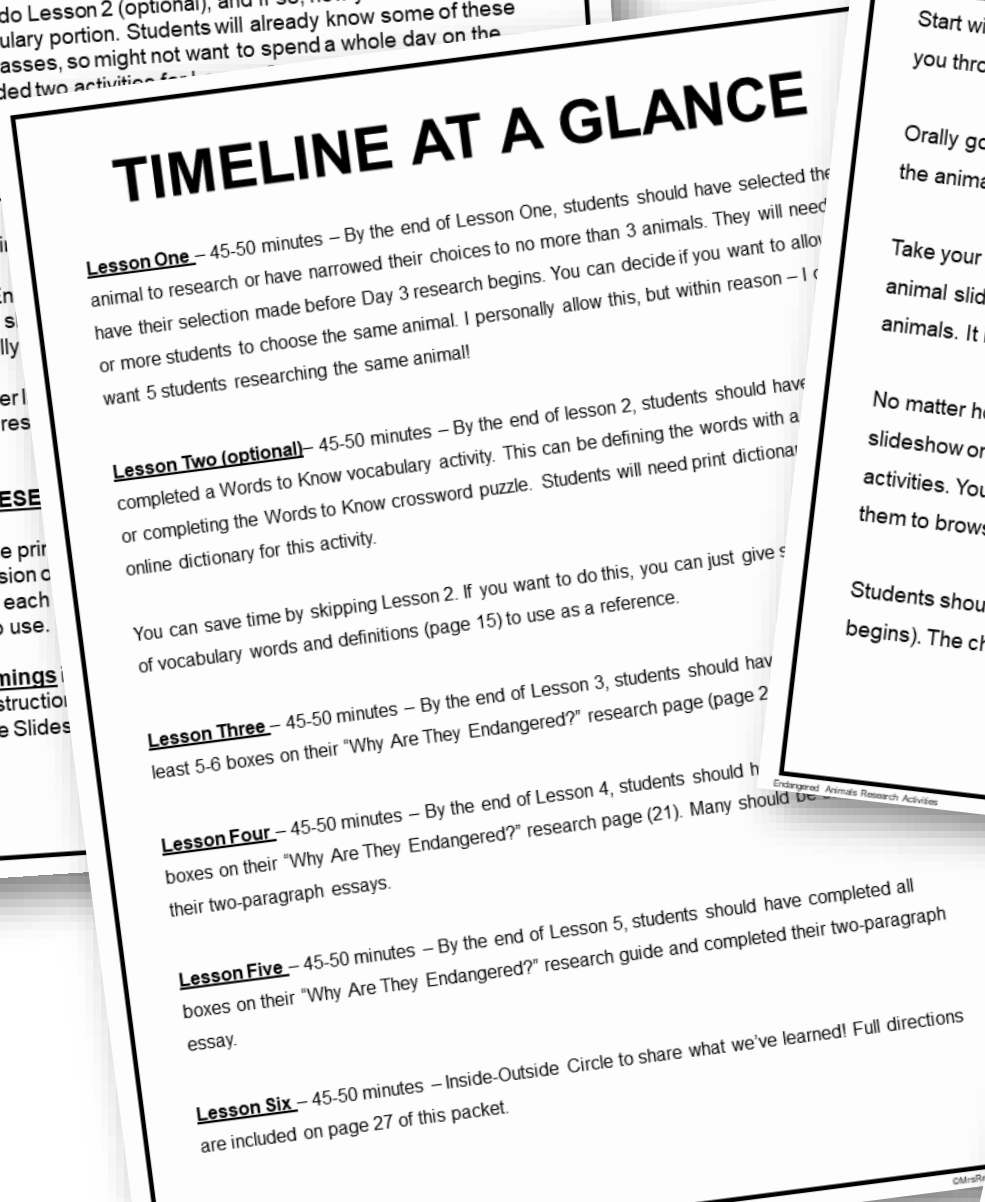
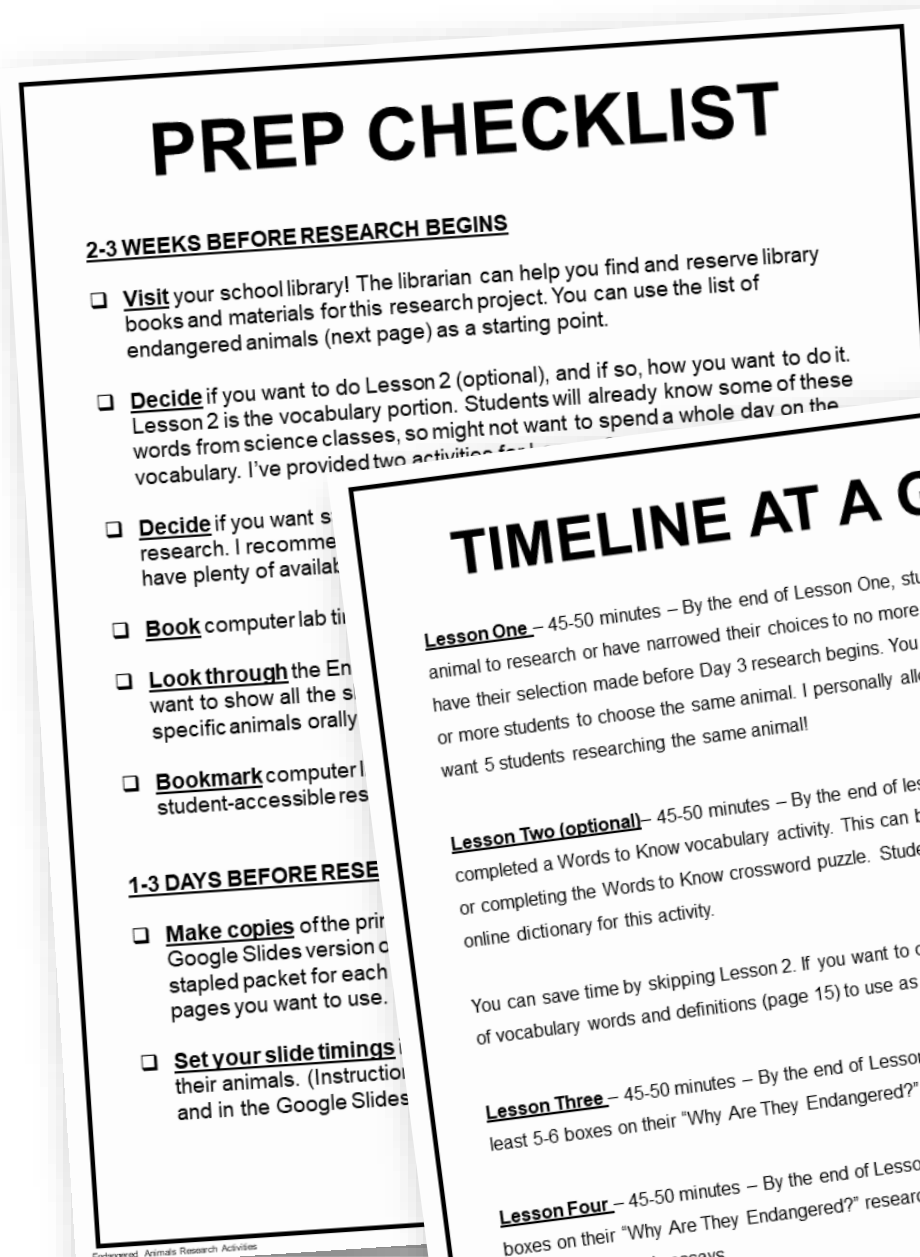
- Complete the vocabulary crossword
- Read a book from the Recommended Reads list
- Help students who are still working on their research
- Browse the end...

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

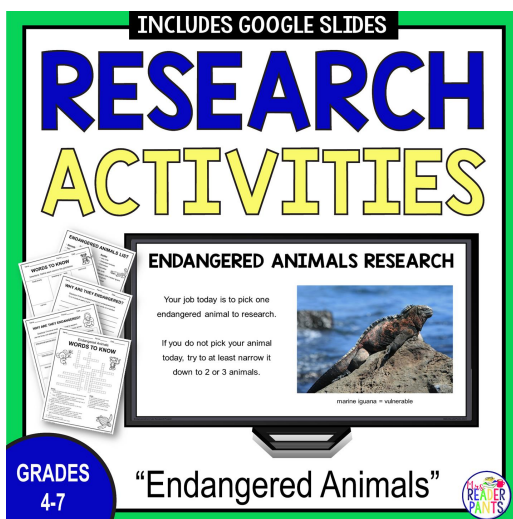


DETAILED PROCEDURES

Daily prep and activities instructions



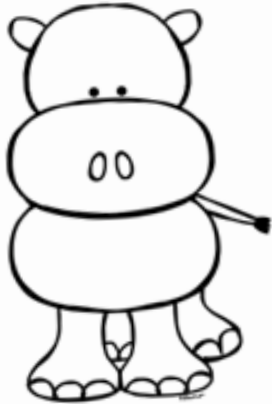
Includes six days of detailed lesson procedures, prep instructions, and tips



RECOMMENDED READS

To extend learning

RECOMMENDED READS ENDANGERED ANIMALS



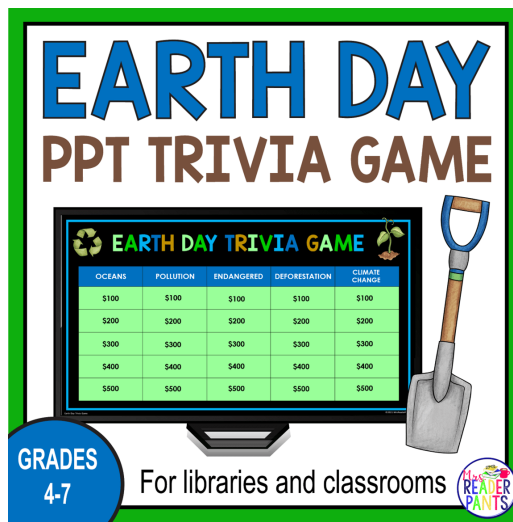
Picture Books:

- Pangolina* (Goodall)
- I'm a Manatee* (Lithgow)
- Almost Gone* (Jenkins)
- Don't Let Them Disappear* (Clinton)
- Rare and Blue: Finding Nature's Treasures* (van Hoven)
- Yoshi, Sea Turtle Genius: A True Story About an Amazing Swimmer* (Cox)
- My Life at the Bottom The Story of a Lonesome Axolotl* (Bondestam)
- Ivan: The Remarkable True Story of the Shopping Mall Gorilla* (Applegate)
- Saving Fiona: The Story of the World's Most Famous Hippo* (Maynard)

Nonfiction:



- Save the People!: Halting Human Extinction* (McAnulty)
- Condor Comeback* (Montgomery)
- Orangutan Hats and Other Tools Animals Use* (Haynes)
- Bugs in Danger: Our Vanishing Bees, Butterflies, and Beetles* (Kurlansky)
- DK Eyewitness: Endangered Animals*
- National Geographic Animal Encyclopedia* (Spelman)
- When the Wolves Returned* (Patent)
- 17 Endangered Animals* (Cossins)

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.



25 QUESTIONS

(most are multiple choice)

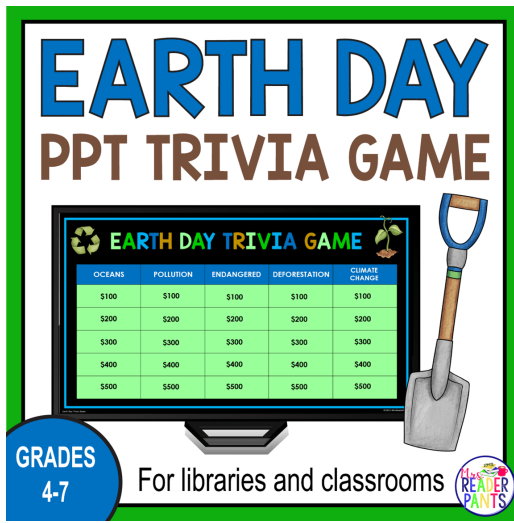


OCEANS	POLLUTION	ENDANGERED	DEFORESTATION	CLIMATE CHANGE
	\$100	\$100	\$100	\$100
\$200	\$200	\$200		\$200
\$300			\$300	\$300
\$400	\$400	\$400	\$400	\$400
\$500	\$500	\$500	\$500	\$500

Earth Day Trivia Game

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Click on a dollar amount to go to the question. Once you click a question, the dollar amount will disappear.



TO SEE THE ANSWER SLIDE...

CLIMATE CHANGE - \$400

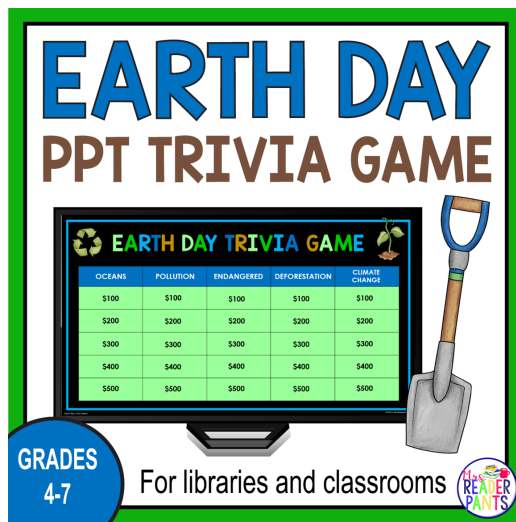
Most global warming has taken place in the last ____ years.



- A. 100
- B. 65
- C. 200
- D. 35

ANSWER

Click the ANSWER button!



SEE THE QUESTION AGAIN

CLIMATE CHANGE - \$400

D. 35

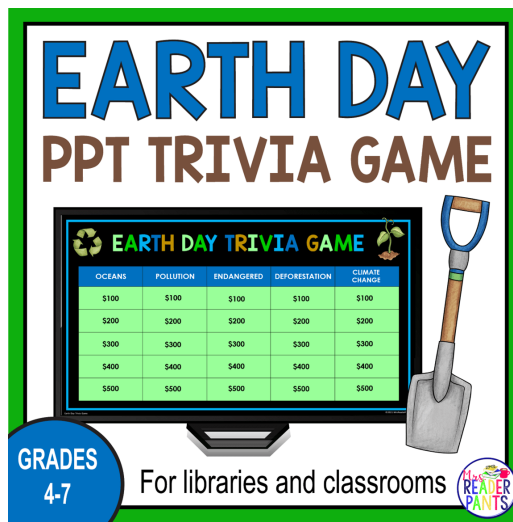
Globally, the past eight years (2015-2022) were the warmest 8 years on record.



SEE THE QUESTION AGAIN

BACK TO GAME BOARD

Use this button if, after answering, students want to see the question again.



BACK TO GAME BOARD

OCEANS - \$100

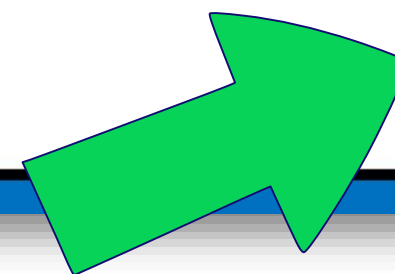
D. 95%

The majority of the ocean remains unexplored and unseen by human eyes.

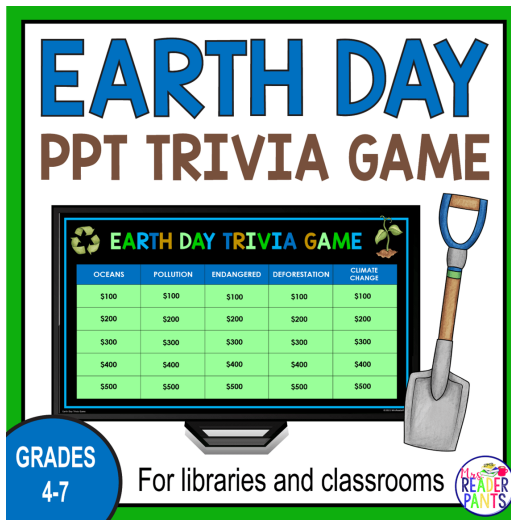


SEE THE QUESTION AGAIN

BACK TO GAME BOARD



To return to the game board after the question is answered. When you return to the game board, you will see that the dollar amount for that question has disappeared.



ALL SLIDES CONTAIN FULL-COLOR IMAGES

CLIMATE CHANGE - \$200

Since the late-1800s, the average global temperature has:

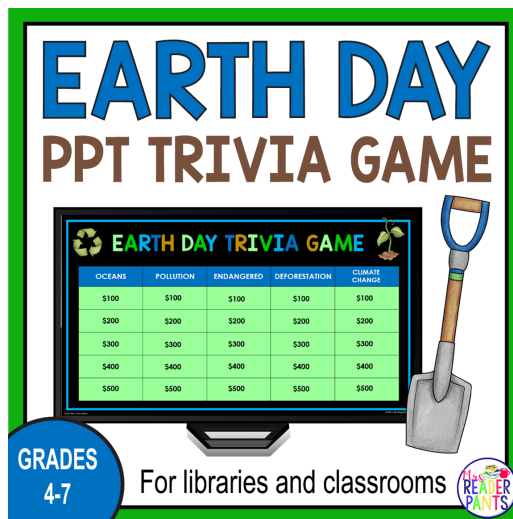


- A. Increased by about 5 degrees F
- B. Increased by nearly 2 degrees F
- C. Decreased by nearly a half-degree F
- D. Decreased by about 2 degrees F

ANSWER

All images in the game are real photos, not clipart.

All photos are public domain, and the link to the photo source is in the Slide Notes of each slide.



NO PREP NEEDED!

HOW TO PLAY THIS GAME:

1. No prep needed! You can play this game "straight out of the box"!
 2. Divide students into 4-5 teams. I usually have the teams move desks so they can confer on answers.
 3. Keep score on a whiteboard (teacher or student volunteer), or ask one person on each team to keep track of the scores.
 4. Team 1 picks a category and dollar amount. Click the question. If the team answers correctly, they "win" that dollar amount.
 5. If Team 1 answers incorrectly, Team 2 will get a chance to "steal" the question. If Team 2 answers the question correctly, Team 2 wins that dollar amount and gets to choose another question.
 6. If Team 2 answers incorrectly, the question is thrown out. Team 2 gets to choose a new question.
- ...to play until all the questions have been selected or class ... scored wins!



Not sure how to play? I included step-by-step instructions for game play. No prep needed!