

ENDANGERED ANIMALS TRADING CARDS



Time: Approximately 60-90 minutes (may be divided into smaller blocks of time)

Instructional Goals:

- The student will research endangered animals using *PebbleGo Animals* and *Science* subscription databases.
- The student will learn the terms *endangered* and *extinct*.

Integrated Content Standards:

- AASL Standards Framework for Learners (<http://standards.aasl.org/wp-content/uploads/2017/11/AASL-Learner-Framework-Spread.pdf>)
- Common Core English Language Arts/Literacy Standards (www.corestandards.org/ELA-Literacy/)
- National Educational Technology Standards for Students (<https://www.iste.org/standards/for-students>)
- NCTE/IRA Standards for English Language Arts (www.ncte.org/standards/ncte-ira)
- Next Generation Science Standards (www.nextgenscience.org/)

Materials/Resources:

- **PebbleGo Animals** and **Science** online databases
- **Example trading cards**, if desired
- **Endangered Animals Trading Card Template**, multiple copies for each student
- pencils, markers, and/or crayons
- scissors
- glue

Procedures/Lesson Activities:

Focus

1. Write the word "endangered" for students to see. Ask students to think about the different parts of the word and infer what it means. (Danger implies something might get hurt or that it is unsafe. En- is a prefix that usually means "to put into." -ed as a suffix can mean "having the characteristics of.")
2. Next, write the word "extinct" for students. Ask if they know what this word means. (Extinct means no longer living anywhere in the world.)
3. Ask students to give you an example of an extinct animal. (Many students will know that dinosaurs, such as the Tyrannosaurus rex, are extinct.)

Teach/Model

4. Explain to students that endangered animals are animals that are in danger of becoming extinct.
5. Ask students what they know about endangered animals, such as why animals become endangered and which animals are considered to be endangered. List student answers for them to reference later.

Guided Practice



6. As a group, read the *Endangered and Threatened Animals* article in **PebbleGo Science**. Make a list of the reasons some animals have become endangered (habitat loss, hunting, and being kept as pets are examples).
7. Review the student list created in Teach/Model step 5, and add newly learned information. Correct any misconceptions. Highlight information that was confirmed through research.
8. Brainstorm a list of endangered animals. (The World Wildlife Organization has a list posted at www.worldwildlife.org.)

Endangered animals in the **PebbleGo Animals** database include:

- African penguin
- cheetah
- chimpanzee
- giant panda
- gibbons
- gorilla
- humpback whale
- jaguar
- lemurs
- leopard
- lion
- orangutan
- sperm whale
- spider monkey
- tiger

Independent Practice

9. Tell students they will inform others about endangered animals by creating trading cards.
10. If desired, show students some example trading cards. Explain that trading cards can be a fun way to learn and study a topic. Trading cards come in sets, and people trade and collect the cards to complete a set.
11. Give each student an **Endangered Animals Trading Card Template**. Review the information needed for the trading card.
12. Explain to students they will choose an endangered animal to research using PebbleGo Animals. They will make a trading card about that animal.
13. Tell students they may make trading cards for as many different endangered animals as they want during your allotted work time.
14. Allow students time to complete at least two **Endangered Animals Trading Card Templates** each, if possible.

Closure


15. As a group, using completed **Endangered Animals Trading Card Templates** as reference, review the list from Teach/Model step 5. Have students suggest newly learned information about endangered animals to add to their original list, as well as correct any misconceptions. Highlight information that was confirmed through research.
16. Display completed **Endangered Animals Trading Card Templates**.

Extend/Enrich




- Have students take a photo of their trading card picture and use a video creation app to record their animals talking about how people can help endangered animals survive. Upload videos to the Internet and include a QR code or an augmented reality link so others may scan the card to make the endangered animals “come alive.”
- Have students create short quizzes about endangered animals. Ask other students to complete the quizzes to test their knowledge of endangered animals.
- As a class, brainstorm ways people can help save endangered animals.

Endangered Animals Trading Card Template- Cut out. Fold along dotted line and glue.

<hr/> <p>Animal Name</p>	
Fast Facts	Classification: _____
	Habitat: _____
	Food: _____
 <p>○ Range</p>	
Fun Fact	

<hr/> <p>Animal Name</p>	

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