

Perfect for:

- **Topic Introduction**
- **Discussion Starter**
- **Sub-plans**
- **Literacy-based science activities**
- **Early Finishers**

SCROLL
to take a look inside!

Ecology Case Study Bundle - 20 Readings



Teach With
Fergy

Build your students' scientific literacy, apply science to real-world issues, and stay prepared with a no-prep substitute lesson.

- Each reading contains ~400-500 words plus 5 questions and their answers.
- Suitable for students in grades 7-10. Tackle literacy and science by having your students read and answer questions from a scientific article.
- No prep, no formatting, no issues. Simply download, project, print (or upload to your class site) and you're all set.

Reading & Questions

★★★★★ Extremely satisfied
- My students loved this resource! Very engaging and highly recommend.

★★★★★ Extremely satisfied -
Great resource that goes along with my curriculum and great for when you have a substitute.

Case Study: The Reintroduction of the California Condor



The California condor is one of the largest flying birds in North America, with a wingspan of nearly ten feet. These magnificent birds once soared across much of the western United States, but by the 1980s, their population had dropped to just 22 individuals. The main causes of their decline were habitat loss, hunting, and lead poisoning from animals shot with lead bullets. Faced with the possible extinction of the species, scientists and wildlife agencies began an ambitious recovery plan known as the **California Condor Reintroduction Program**.

In the mid-1980s, all remaining condors were captured from the wild and placed in breeding facilities at the Los Angeles Zoo and the San Diego Wild Animal Park. This was a controversial decision at the time because it meant that no condors would remain in the wild. However, conservationists believed it was the only way to save the species. The goal was to breed condors in captivity and later release them back into their natural habitats once conditions were safe.

Over the next few years, the breeding program proved to be successful. Scientists carefully monitored the birds' health, behavior, and genetics to ensure a strong and diverse population. In 1992, the first condors were released into the wild in southern California. Additional release sites were later established in Arizona, Utah, and northern California. Each bird was fitted with a tracking device so researchers could monitor its movements and survival.

While the population of condors has grown, challenges remain. Lead poisoning continues to be one of the biggest threats because condors often feed on animal carcasses that contain fragments of lead bullets. Efforts to reduce this problem include promoting the use of non-lead ammunition and educating hunters about the risks to wildlife. Condors also face dangers from power lines, trash ingestion, and habitat loss.

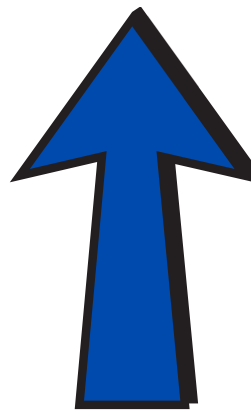
Today, there are more than 300 California condors living in the wild, with additional birds in captivity for breeding and research. The reintroduction of the California condor is considered one of the most remarkable conservation success stories in the world. It shows how scientific knowledge, technology, and cooperation can bring a species back from the edge of extinction.

Case Study Questions and Answers:

1. What caused the decline of the California condor population?
Habitat loss, hunting, and lead poisoning from bullet fragments were the main causes of the condor's decline.
2. Why were the remaining condors captured in the 1980s?
Scientists captured them to start a captive breeding program to prevent the species from going extinct.
3. How did scientists help increase the condor population?
They bred condors in captivity and released them back into protected habitats once the population was stable.
4. What are some ongoing threats to California condors?
Lead poisoning, power lines, and trash ingestion remain major dangers to condors in the wild.
5. Why is the California condor reintroduction considered a success story?
It demonstrates that scientific research and conservation efforts can restore endangered species and protect biodiversity.

Case Study Questions and Answers: KEY

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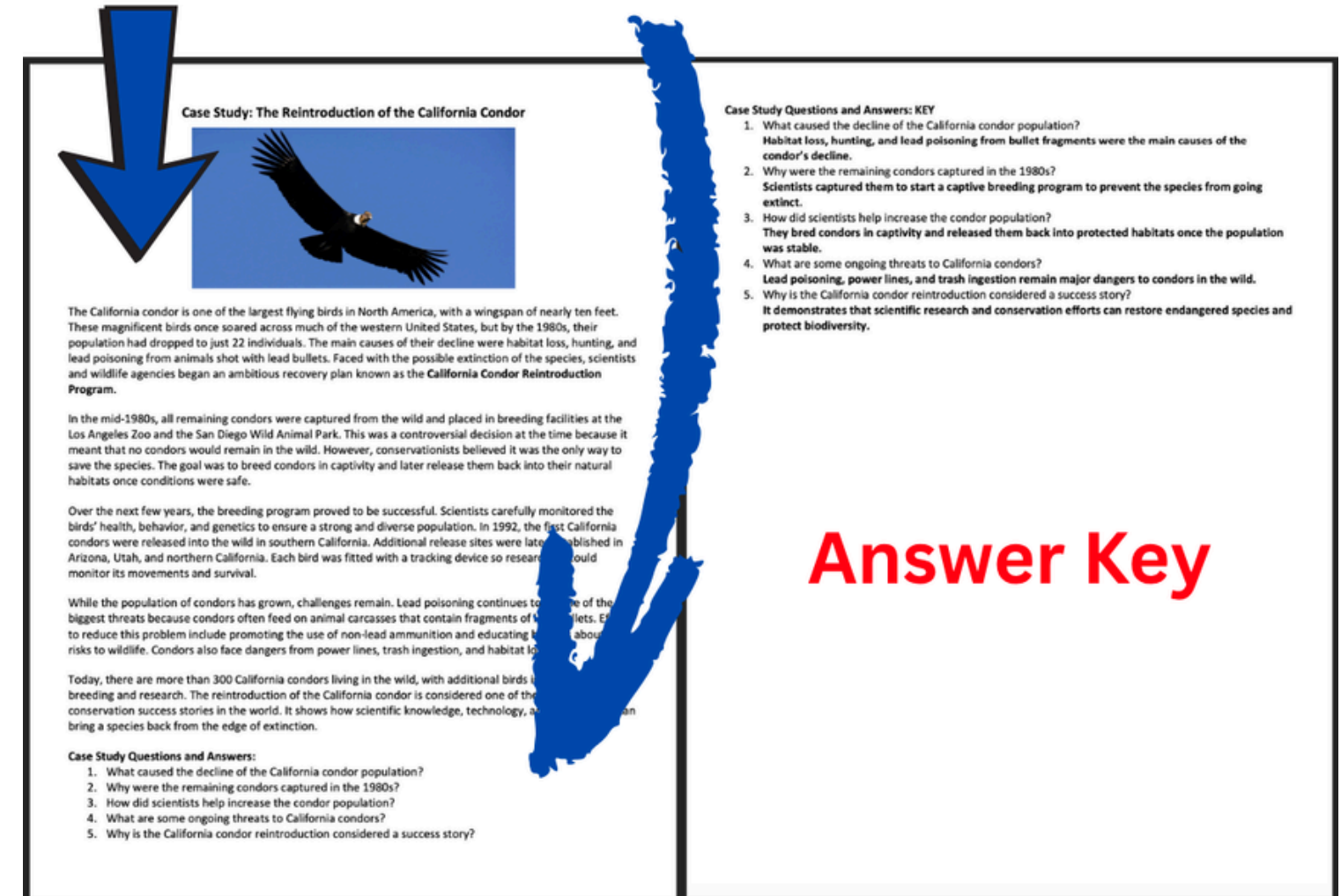
Answer Key

MY CASE STUDY BUNDLE SOLVES...

- ★ Lack of Real-World, Engaging Science Content.
- ★ Need for Literacy Integration in Science.
- ★ Difficulty Differentiating and Supporting All Learners.
- ★ Challenge of Planning for Sick Days.

- ✓ Tackle literacy and science by having your students read and answer questions from a scientific case study.
- ✓ No prep, no formatting, no issues. Simply download, print (or upload to your class site) and you're all set.

Reading & Questions



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20 Complete Readings Covering a Variety of Ecology Real-World Concepts. i.e.



- The Decline of Pollinators
- Coral Bleaching in the Great Barrier Reef
- The Impact of Deforestation on Carbon Storage
- Ecological Succession After Wildfire
- and so many more



Each Includes Word and PDF Versions

Your Bundle

Who is this Case Study for?

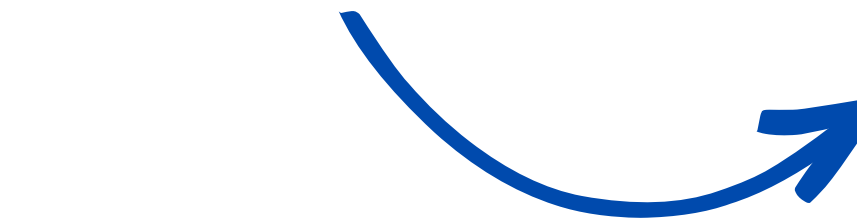
- ✓ Teachers who teach middle and high school science and want an engaging, ready-to-use resource.
- ✓ Teachers who need differentiated activities to strengthen scientific literacy and analysis skills.
- ✓ Teachers who want to help students connect science to the real world through reading, critical thinking, and discussion.
- ✓ Teachers who appreciate no-prep, flexible resources that can be used for lessons, review, or sub plans.

Print, Project, Upload

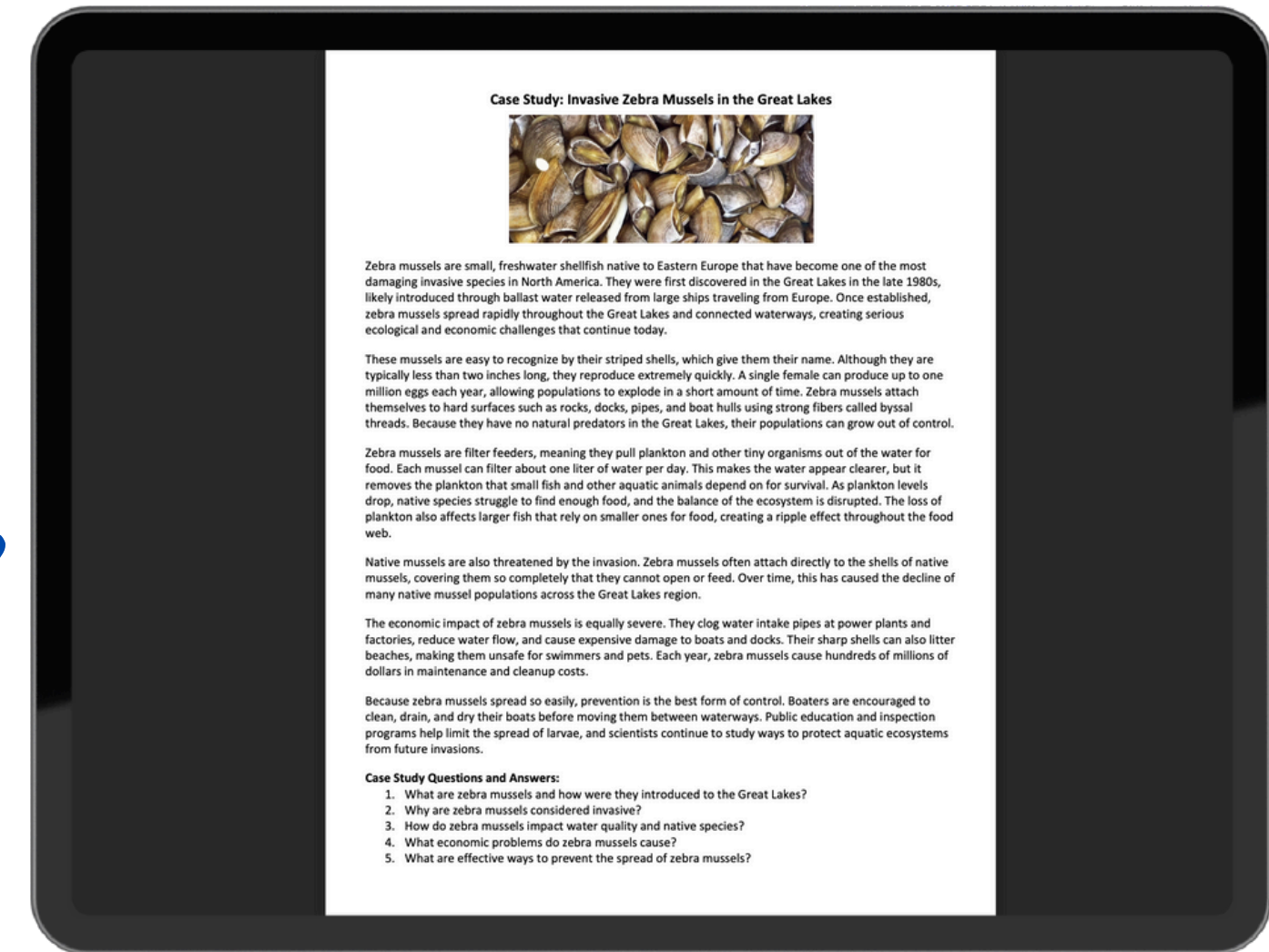
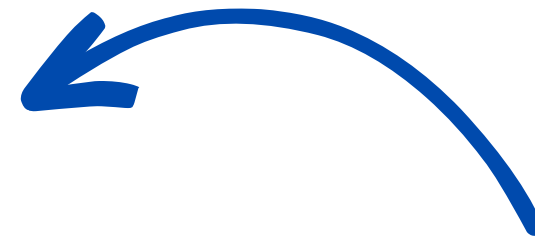
Office and PDF
Versions



Applicable and
engaging



Fully Editable



Upload everything directly
to your Google or Office
Classroom.

WHAT TEACHERS SAY ABOUT MY CASE STUDIES



★★★★★ Extremely satisfied - Great activity to review chemistry of water for my earth science course. Students were engaged and seemed to enjoy it.

★★★★★ Extremely satisfied - Great resource that goes along with my curriculum and great for when you have a substitute.

★★★★★ Extremely satisfied - My students love these! Excellent for extended practice.

★★★★★ Extremely satisfied - A great sub plan! Thank you for a great resource!

★★★★★ Extremely satisfied - My students loved this resource! Very engaging and highly recommend.

★★★★★ Extremely satisfied - Awesome addition to my unit on stages of matter. Loved covering the properties of water as an intro into states of matter and phase changes.

★★★★★ Extremely satisfied - Thank you so much for the great activity. Great to use after notes.

★★★★★ Extremely satisfied - I used this material as a part of an ongoing project for the end of the year. This was a great addition to the lesson.

★★★★★ Extremely satisfied - Great resource and easy to use with my students. Thanks!