

RESTORING THE LAND



GOOD GROWING

Farming destroyed Brazil's rainforests. It could also save them.

LEXILE: 950L (800L alternate reading level)

SOCIAL STUDIES (NCSS) STANDARD: People, Places, and Environments

COMMON CORE (CCSS) STANDARDS: RI.6-8.1, RI.6-8.3, RI.6-8.7, SL.6-8.1

ENGAGE THE READER

Have students preview the article by noting its headline and photographs. Ask: What do you see in these photographs? What do you think this story is about, and how can you tell? Why do you think TIME Edge editors have done a story on farming? Why might farming be newsworthy? Encourage students to think about farming as it relates to issues pertaining to the environment, food supply, and business.

QUESTIONS FOR CLOSE READING AND DISCUSSION

- What is agroforestry, and how is it different from monoculture farming? Why does this difference matter?
- Why did Brazil's government once encourage monoculture farming? Do you think agroforestry could bring economic benefits to farmers? Explain.
- Do you think Cecilia Whately should switch to agroforestry? Why or why not? Do you think farmers should consider the environment when making business decisions? Explain.

PAIRED TEXT

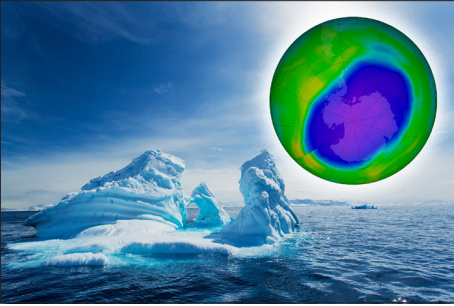
Pair this article with “[Miracle Trees](#)” (October 6, 2022), which is about one person's effort to save some of the last-remaining mangrove forests in Karachi, Pakistan. As students read that article (individually or in small groups) have them note its similarities to and differences from “Good Growing.” They might consider these questions: 1) In what ways are agroforestry and Karachi's mangroves similar? How are they different? 2) How do Tariq Qaiser's efforts in Pakistan compare with Pretaterra's efforts in Brazil? Do you think they both have a chance at success? Why or why not? 3) What role does business play in each of these stories? What role does government play?

Start a discussion by telling students to share their responses. Ask: What can these articles tell us about efforts to protect the environment? What does it take for environmental action to succeed?

COVER STORY QUIZ + ANSWER KEY

The cover quiz can be found on page 3 of this guide.
For the Google Forms quiz, click [here](#).

- 1. B** (RI.1) **2. D** (RI.2) **3. A** (RI.3) **4. B** (RI.4) **5. C** (RI.8)
6. D (RI.5) **7. Answers will vary.** (W.8)



OZONE RECOVERY

The hole in Earth's ozone layer is on track to heal, according to a new United Nations report.

LEXILE: 1080L (920L alternate reading level)

SOCIAL STUDIES (NCSS) STANDARD: People, Places, and Environments

COMMON CORE (CCSS) STANDARDS: RI.6-8.1, RI.6-8.4, RI.6-8.9, SL.6-8.1

BEFORE READING

Have students read the headline, "Ozone Recovery." Ask: What is ozone? (*Ozone is a gas that occurs naturally in the environment. It shields the planet against harmful radiation from the sun.*) Students can find more information about ozone on the United Nations [site](#). Then ask: Why is ozone in the news? What do the images in the article tell us? As students read the article, have them note details that add to their understanding of ozone and its importance. Address any questions they may have.

DISCUSSION QUESTIONS

- According to the article, what was the cause of the ozone layer's recovery? Why is this information significant?
- Do you think the ozone layer will fully recover? Why or why not?
- How do the images support the story? Why are images important in science stories? What other images could have been used with this article?



FOR BETTER WELL-BEING, BREATHE

How to use deep breathing for better well-being.

SOCIAL STUDIES (NCSS) STANDARD: Science, Technology, and Society

COMMON CORE (CCSS) STANDARDS: RI.6-8.1, RI.6-8.4, RI.6-8.6, SL.6-8.1

BEFORE READING

Have students close their eyes and take a few slow, deep breaths. Ask: How did that make you feel? Why do you think breathing has this effect? Do you think deep breathing could have mental health benefits? Explain.

DISCUSSION QUESTIONS

- What anecdotal evidence does the author provide to illustrate the effects of deep breathing?
- What is the scientific explanation for the effects of deep breathing?
- Why might a news outlet like TIME Edge publish a story about breathing? What might this say about our culture?

PAIRED TEXT

Pair this article with ["This Professor Teaches a Class on 'Doing Nothing'" \(October 13, 2022\)](#), which focuses on young people's mental health. As students read that article, have them consider the final Discussion Question above: [Why are news outlets publishing stories about mental health, and what might this say about our culture? Then start a discussion by asking that question. Invite students to reflect on their own experiences to support their claims.](#)

Name _____ Date _____

Use this week's cover story, "Good Growing," to answer the questions below. For questions 1–6, circle the letter next to the best answer. If you need more space to write your response to question 7, you may use the back of this page.

<p>1. The article's first paragraph tells us that "the soil is hard and dry" on a farm. That condition is probably a result of</p> <p>A. agroforestry. B. monoculture farming. C. flooding. D. moisture.</p>	<p>4. In the sentence "Brazil's rainforests preserve the wet, stable climate that makes things grow," the word <i>stable</i> means</p> <p>A. erratic. B. consistent. C. wet. D. warm.</p>
<p>2. According to the article, which of the following is a key part of an agroforestry project?</p> <p>A. planting one kind of crop at a time B. planting jack beans and millet C. clearing the natural ecosystem to make room for crops D. imitating the natural ecosystem in order to nurture the land</p>	<p>5. "Growing trees alongside crops is like installing an air conditioner and sprinkler system." In this sentence, the author intends to suggest</p> <p>A. a comparison between growing trees and growing crops. B. the difference between farming and restoring forests. C. a similarity between growing trees and installing a sprinkler. D. the difference between growing trees and installing air conditioning.</p>
<p>3. Agroforestry is best compared with</p> <p>A. the way Indigenous people treated the land. B. 20th-century farming practices in Brazil. C. factory-farming techniques. D. savannas in Africa.</p>	<p>6. Which of the world's continents is not represented in the section "Changing the World"?</p> <p>A. North America B. Africa C. Asia D. Australia</p>

7. Why is "Good Growing" an effective title for this article?
