

VOCABULARY

Complete each sentence with the correct word from the box.

available	pattern (n)	colleagues	discover	equipment
join	nature	professional	report (v)	task

1. There are still many exciting things to _____ on Earth.
2. We need to set up the _____ before we can do the experiment.
3. The book we need for the project is _____ in the library.
4. I want to use the _____ on this rock to make a painting.
5. We need a _____ botanist to figure out what is wrong with these plants.
6. Our _____ is to count the number of birds we see in this area of the park.
7. Would you like to _____ our Botany club? We meet every Wednesday at 5:00.
8. I work in an office with five _____.
9. I like to photograph things in _____, like birds and trees.
10. We need to _____ what we found to the project leader.

GRAMMAR

Complete each sentence with the simple past of the verb in parentheses.

11. I _____ (check) my homework several times before I gave it to the teacher.
12. They _____ (not collect) any information last month.
13. The citizen scientists _____ (plan) to help with the project.
14. Sandra _____ (see) over one hundred birds at the park last weekend.
15. We _____ (not take) notes when she was speaking.
16. I _____ (write) ten reports for the project.

READING FOR MAIN IDEAS

Read the text. Then match the paragraph to its purpose.

SMOKE SENSE

1 Wildfires are a big problem in the United States. In 2020, there were about 57,000 wildfires. The smoke can spread for miles, causing air pollution in a large area. This air pollution causes serious health problems, such as heart and lung disease. The U.S. Environmental Protection Agency (EPA) wants to protect people from wildfire smoke. So, they started a citizen science project called Smoke Sense.

2 It's easy to be a part of the Smoke Sense project. First, you must download the Smoke Sense app, which is available in Spanish and English. The app gives people information and advice. You can learn about the air quality in your area. The app tells you if the air is clean or polluted. You can also find out if there are wildfires near you. In addition, the app collects information from the user. Users can report information about fires in their area and about their own health. EPA collects information from a lot of people with the Smoke Sense app. This helps them to learn more about health problems caused by wildfire smoke.

3 Let's look at an example. David lives in an area near a wildfire. First, he reported the fire through the app. Next, he recorded his health problems on the app by writing that he had a sore throat and a runny nose. He also reported that he didn't sleep well for several days. The app sent his information to EPA. Now EPA can inform David, through the app, how to protect his health. The app tells David when the air is clean again or if it is still polluted. David can stay inside until it is safer.

4 Do you live in an area where wildfire smoke is an issue? Get the Smoke Sense app! It's a great way to learn about wildfires and help solve some smoke-related health problems.

- a. explains the Smoke Sense project and app
- b. gives an example of an app user
- c. introduces the reason for Smoke Sense
- d. concludes the reading and offers a suggestion

- 17. ____ Paragraph 1
- 18. ____ Paragraph 2
- 19. ____ Paragraph 3
- 20. ____ Paragraph 4

READING FOR DETAILS

Read the text. Then write *T* (true) or *F* (false). Correct the underlined section in a false statement.

SMOKE SENSE

1 Wildfires are a big problem in the United States. In 2020, there were about 57,000 wildfires. The smoke can spread for miles, causing air pollution in a large area. This air pollution causes serious health problems, such as heart and lung disease. The U.S. Environmental Protection Agency (EPA) wants to protect people from wildfire smoke. So, they started a citizen science project called Smoke Sense.

2 It's easy to be a part of the Smoke Sense project. First, you must download the Smoke Sense app, which is available in Spanish and English. The app gives people information and advice. You can learn about the air quality in your area. The app tells you if the air is clean or polluted. You can also find out if there are wildfires near you. In addition, the app collects information from the user. Users can report information about fires in their area and about their own health. EPA collects information from a lot of people with the Smoke Sense app. This helps them to learn more about health problems caused by wildfire smoke.

3 Let's look at an example. David lives in an area near a wildfire. First, he reported the fire through the app. Next, he recorded his health problems on the app by writing that he had a sore throat and a runny nose. He also reported that he didn't sleep well for several days. The app sent his information to EPA. Now EPA can inform David, through the app, how to protect his health. The app tells David when the air is clean again or if it is still polluted. David can stay inside until it is safer.

4 Do you live in an area where wildfire smoke is an issue? Get the Smoke Sense app! It's a great way to learn about wildfires and help solve some smoke-related health problems.

21. ____ Wildfire smoke can travel miles away from the wildfire.

22. ____ Wildfire smoke can cause noise pollution and health problems.

23. ____ The EPA created an app for professional scientists to use.

24. ____ The Smoke Sense app is available in two languages.

25. ____ The EPA collects information from a few people using the Smoke Sense app.

26. ____ David didn't report a fire to the app.

READING SKILL

Read. Then choose the best answer.

SMOKE SENSE

1 Wildfires are a big problem in the United States. In 2020, there were about 57,000 wildfires. The smoke can spread for miles, causing air pollution in a large area. This air pollution causes serious health problems, such as heart and lung disease. The U.S. Environmental Protection Agency (EPA) wants to protect people from wildfire smoke. So, they started a citizen science project called Smoke Sense.

2 It's easy to be a part of the Smoke Sense project. First, you must download the Smoke Sense app, which is available in Spanish and English. The app gives people information and advice. You can learn about the air quality in your area. The app tells you if the air is clean or polluted. You can also find out if there are wildfires near you. In addition, the app collects information from the user. Users can report information about fires in their area and about their own health. EPA collects information from a lot of people with the Smoke Sense app. This helps them to learn more about health problems caused by wildfire smoke.

3 Let's look at an example. David lives in an area near a wildfire. First, he reported the fire through the app. Next, he recorded his health problems on the app by writing that he had a sore throat and a runny nose. He also reported that he didn't sleep well for several days. The app sent his information to EPA. Now EPA can inform David, through the app, how to protect his health. The app tells David when the air is clean again or if it is still polluted. David can stay inside until it is safer.

4 Do you live in an area where wildfire smoke is an issue? Get the Smoke Sense app! It's a great way to learn about wildfires and help solve some smoke-related health problems.

27. ____ Which word(s) in paragraph 1 help you understand what *spread* means?
- a. causing b. in a large area c. air pollution
28. ____ Use the context to guess the meaning of *caused* in paragraph 2.
- a. created b. solved c. helped
29. ____ Which words in paragraph 3 help you understand what *recorded* means?
- a. a sore throat b. by writing c. on the app
30. ____ Use the context to guess the meaning of *issue* in paragraph 4.
- a. a type b. an activity c. a problem

CRITICAL THINKING SKILL

Write a list of three items to answer the question.

31. What are the advantages of volunteering to clean up a local park?

32. What are the disadvantages of volunteering to clean up a local park?

WRITING SKILL

Choose the correct answer.

33. ____ What do time order words show?

a. cause and effect b. steps in a process c. similarities

34. ____ Where do time order words usually come in a sentence?

a. at the beginning b. in the middle c. at the end

35. ____ Which of these words is a time order word?

a. however b. second c. never

36. ____ Which of these words shows the last step in a process?

a. later b. finally c. next

37. ____ ~~First~~, I counted the number of birds in my area. _____, I recorded the numbers in a notebook. Finally, I entered the numbers online.

a. Finally b. First c. After that

38. ____ _____, the researchers identified a problem. Next, they brainstormed solutions.

a. First b. Then c. Later

WRITING PRACTICE 1

Write a sentence with the given words. Use the simple past.

39. help / last week

_____.

40. go / last month

_____.

41. have / yesterday

_____.

42. study / last year

_____.

43. stop / two weeks ago

_____.

44. not find / yesterday

_____.

WRITING PRACTICE 2

Read the prompt. Then write a response of at least 100 words.

45. Think about an app you use, like a weather app, a map app, or a game app. How do you use it? Use time order words.
