

Science Team Talk

Read how shared evidence strengthens a study.

SC.3.N.1.4 "Recognize the importance of communication among scientists."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline every sentence that tells about scientists sharing or talking. Circle the last sentence because it explains why communication is important.

Bean Seedling Study

- ① At a community garden, Dr. Rivera's team studied bean seedlings. They placed equal-sized seedlings in sunny and shady spots. Each Friday, the team measured every plant with a ruler. They wrote the heights, weather, and watering amounts in a notebook. To share their work, they sent their notes and clear photos to other plant scientists.
- ② One scientist, Ms. Chen, read the notes. She saw that a sprinkler had soaked the shady area after a storm. She asked whether extra water, not shade, had changed the plants. Dr. Rivera's team had missed this detail. They talked by video call and agreed to test sunny and shady seedlings again while giving each plant the same amount of water.
- ③ After the second test, the team shared its new results with the group. Other scientists could see what was tested and how it was measured. They could ask questions or repeat the test. When scientists communicate clearly, mistakes can be found, ideas can improve, and evidence can be checked before people make a careful conclusion.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What two things did Dr. Rivera's team send to other plant scientists?

2 What detail did Ms. Chen notice in the team's notes?

3 How did Ms. Chen's question change the team's next test?

4 Name two ways other scientists could check the team's work after the second test.

3 YOUR TURN _____ Your own words

Imagine you test which paper towel holds the most water. Write exactly three sentences to share your method and result with another scientist. Include one way the other scientist could check or respond to your work.

PART 1 • READ AND MARK

Underline every sentence that tells about scientists sharing or talking. Circle the last sentence because it explains why communication is important. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What two things did Dr. Rivera's team send to other plant scientists?	They sent their notes and clear photos.
2	What detail did Ms. Chen notice in the team's notes?	A sprinkler had soaked the shady area after a storm.
3	How did Ms. Chen's question change the team's next test?	The team tested sunny and shady seedlings again and gave each plant the same amount of water.
4	Name two ways other scientists could check the team's work after the second test.	They could see what was tested and how it was measured, ask questions, or repeat the test.

PART 3 • YOUR TURN (SAMPLE ANSWER)

I tested two paper towels by pouring one spoonful of water on each towel. Towel A held more water than Towel B. I would share my steps and results so another scientist could repeat my test and ask questions.

Accept equivalent answers that identify information shared, the sprinkler detail, the fairer repeat test, and ways scientists can examine the work. For Your Turn, accept any realistic method, result, and clear way another scientist could check or respond.