

# Garden Evidence Check

Compare a diagram, data table, and spoken report.

**CCSS.ELA-Literacy.CCRA.SL.2** "Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally."

NAME \_\_\_\_\_

DATE \_\_\_\_\_

## 1 READ AND MARK \_\_\_\_\_ Read it twice

**YOUR JOB** Underline words that explain the diagram, circle every number in the data table, and write 1 by Ms. Ortiz's claim and 2 by the table evidence that supports it. Use your marks to compare what each format tells you.

### A Smarter Way to Water

- ① At Cedar School, students want to water a small vegetable garden wisely. A sign beside the garden shows this simple diagram: [Rain barrel] → [Hose] → [Drip line] → [Tomato beds] The arrows show that rainwater moves from the barrel through a hose to a drip line. Small holes in the line let water fall near plant roots. This visual suggests that drip watering avoids spraying water over empty paths. The barrel is filled by rain from the nearby shed roof. The diagram does not show how many liters the system uses.
- ② Students measured the water used during three dry weeks. They recorded liters, not guesses. Their data table is below:

| Week | Watering method | Liters used |
|------|-----------------|-------------|
| 1    | Sprinkler       | 180         |
| 2    | Drip line       | 96          |
| 3    | Drip line       | 90          |

The table shows that the drip line used fewer liters than the sprinkler. Week 3 used 6 fewer liters than Week 2. However, the table does not tell whether the garden received the same amount of rain each week or whether the plants grew equally well.
- ③ At a school meeting, garden leader Ms. Ortiz said, "The drip line saved water in our three-week test. It is a good choice for the garden." Her spoken report agrees with the table because the drip weeks used fewer liters. Yet her claim is stronger than the evidence. The table shows water use, but it does not prove that the drip line is best in every season. To decide more fairly, students could compare plant growth and rainfall.

## 2 ANSWER WITH EVIDENCE Use the passage

1 According to the diagram, where does the water go after it leaves the rain barrel?

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2 How many fewer liters did the drip line use in Week 3 than the sprinkler used in Week 1?

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3 Which part of Ms. Ortiz's spoken report is supported by the table? Use the numbers in your answer.

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4 Why does the table not prove that the drip line is best in every season? Name one piece of missing information.

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## 3 YOUR TURN Your own words

Write a three-sentence recommendation for the school garden. Use one detail from the diagram, one number from the table, and one idea from Ms. Ortiz's report, then include one limit of the evidence.

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**PART 1 • READ AND MARK**

Underline words that explain the diagram, circle every number in the data table, and write 1 by Ms. Ortiz's claim and 2 by the table evidence that supports it. Use your marks to compare what each format tells you. Accept any marking that follows this job and points at the right text.

**PART 2 • ANSWERS**

| # | QUESTION                                                                                                        | ANSWER                                                                                                                                     |
|---|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | According to the diagram, where does the water go after it leaves the rain barrel?                              | <b>It moves through a hose to the drip line, then falls near the plant roots.</b>                                                          |
| 2 | How many fewer liters did the drip line use in Week 3 than the sprinkler used in Week 1?                        | <b>90 fewer liters.</b>                                                                                                                    |
| 3 | Which part of Ms. Ortiz's spoken report is supported by the table? Use the numbers in your answer.              | <b>Her claim that the drip line saved water is supported because it used 96 and 90 liters, compared with 180 liters for the sprinkler.</b> |
| 4 | Why does the table not prove that the drip line is best in every season? Name one piece of missing information. | <b>The table only shows water use during three dry weeks. It does not show rainfall in other seasons or how well the plants grew.</b>      |

**PART 3 • YOUR TURN (SAMPLE ANSWER)**

The school should keep testing the drip line because the diagram shows that it sends water close to plant roots instead of over empty paths. The drip line used 90 liters in Week 3, while the sprinkler used 180 liters in Week 1. Ms. Ortiz is right that it saved water, but the school should also measure rainfall and plant growth before deciding that it is best for every season.

Accept equivalent descriptions of the diagram's water path and correct calculations from the table. For the open response, accept reasonable recommendations that accurately use all three formats and identify a valid limit, such as missing rainfall or plant-growth data.