Spring Weather Watch

Read weather data and show how it changes.

3-ESS2-1 "Represent data in tables and graphical displays to describe weather conditions during a particular season. (SEP: 4; DCI: ESS2.D; CCC: Patterns)"

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline the words that tell when and how long the class watched the weather. Circle the days-with-rain counts in the table so you can track them across the weeks.

Four Weeks of Spring Weather

1. In spring, a third grade class watched the sky at school. Each day, they checked whether rain fell during school hours. They counted a day as rainy if they saw even a little rain. They also counted days with no rain. They watched for five school days each week, over four weeks.

2. The class put its counts in the table below. Each row stands for one school week. The two day counts in a row add up to five because the class watched for five days. The table shows what happened at this school during those weeks, not what happens in every spring.

SPRING WEATHER AT SCHOOL

Week	Days with rain	Days with no rain
1	1	4
2	2	3
3	4	1
4	3	2

3. A graph can show the same counts in another way. A taller bar means more days of that kind of weather. To look for a pattern, compare the counts across the weeks. Rain can change from week to week in spring, so one week of weather may not tell the whole story.

2 ANSWER WITH EVIDENCE

Use the passage

1. Which week had the most days with rain? How many were there?

2. How many more days with no rain did Week 1 have than Week 3?

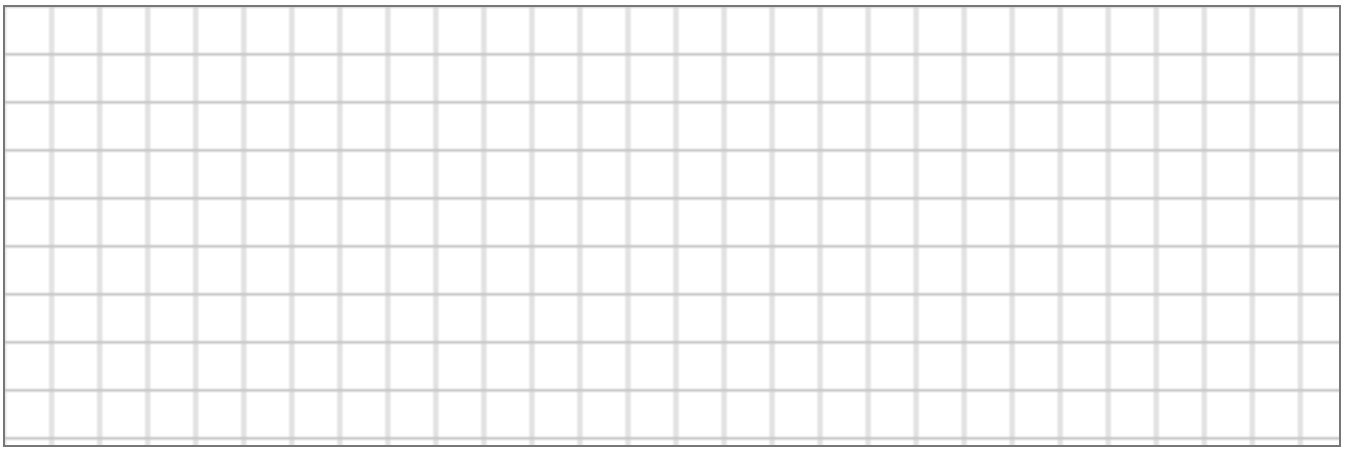
3. What happened to the number of days with rain from Week 3 to Week 4?

4. Across all four weeks, were there more days with rain or days with no rain? Use totals to explain.

3 YOUR TURN

Your own words

Make a bar graph of the days with no rain in each week. Give it a title, label both axes, and write one sentence describing how the counts changed.



ANSWER KEY

Spring Weather Watch

GRADE 3 · 3-ESS2-1

PART 1 · READ AND MARK

Underline the words that tell when and how long the class watched the weather. Circle the days-with-rain counts in the table so you can track them across the weeks. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	Which week had the most days with rain? How many were there?	**Week 3 had the most, with 4 days with rain.**
2	How many more days with no rain did Week 1 have than Week 3?	**Week 1 had 3 more days with no rain than Week 3.**
3	What happened to the number of days with rain from Week 3 to Week 4?	**It went down from 4 days to 3 days.**
4	Across all four weeks, were there more days with rain or days with no rain? Use totals to explain.	**They were equal: 10 days with rain and 10 days with no rain.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Title: Days with No Rain. The horizontal axis is labeled Week, with Weeks 1 through 4. The vertical axis is labeled Days with no rain, with a scale from 0 to 4. The bars show Week 1: 4, Week 2: 3, Week 3: 1, and Week 4: 2. Days with no rain fell from Week 1 to Week 3, then rose in Week 4.

Accept any clear graph title and axis labels that identify the weeks and days with no rain. The bars must show 4, 3, 1, and 2 in week order; the sentence should describe a pattern supported by those counts.