Weather Watch Week

Measure, record, and graph daily weather information.

2.10.B "measure, record, and graph weather information, including temperature and precipitation; and"

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline each temperature measurement and circle each precipitation measurement in the weather table. Write 1 by a sentence about measuring, 2 by a sentence about recording, and 3 by a sentence about graphing.

A Class Weather Log

1. During Weather Watch Week, Ms. Imani's class checked the sky each morning before recess. They used a thermometer to measure air temperature in degrees Fahrenheit. They placed a rain gauge outside in an open spot. The gauge collected rain, which they measured in inches after each school day.

2. Each partner wrote the measurements in a weather log. The class recorded the temperature and precipitation for Monday through Thursday. Then they used the numbers to make a bar graph. A graph helped them compare the temperatures quickly. It also showed which days had rain and how much fell.

WEATHER WATCH LOG

Day	Temperature (°F)	Precipitation (in.)
Monday	62	0.00
Tuesday	58	0.20
Wednesday	64	0.00
Thursday	61	0.10

3. On Friday, the class noticed dark clouds, but weather can change during a day. They knew one week of measurements does not predict every future day. Careful measuring, clear records, and accurate graphs help scientists describe weather patterns. The class planned to keep checking temperature and precipitation in later weeks.

2 ANSWER WITH EVIDENCE

Use the passage

1. What tool did the class use to measure air temperature?

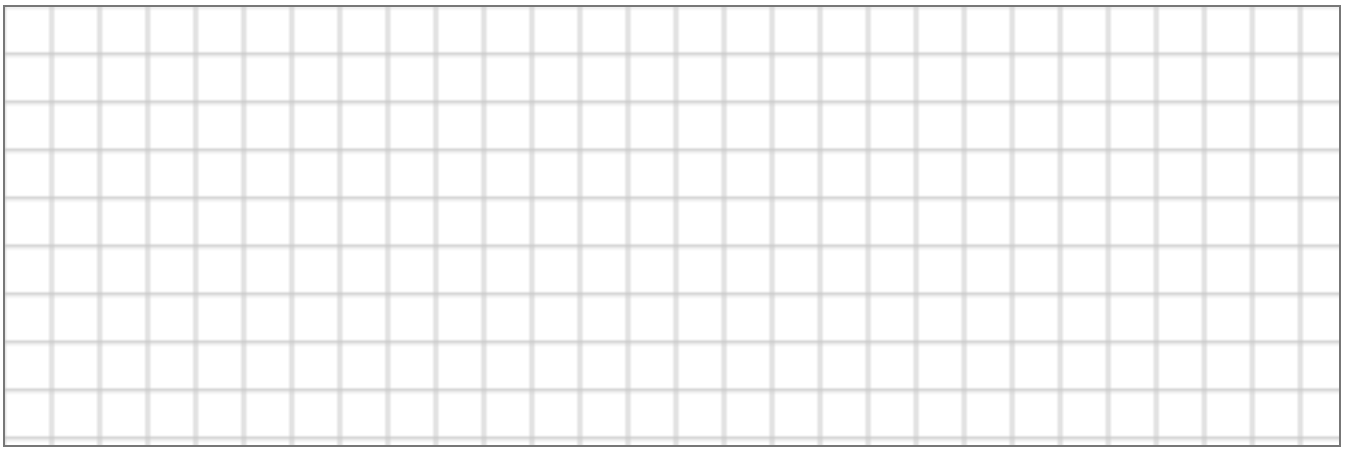
2. Which days had precipitation? Tell how much fell on each day.

3. If the class made a bar graph of temperature, which day would have the tallest bar? Why?

3 YOUR TURN

Your own words

On the grid, make a bar graph of these 8:00 a.m. temperatures: Friday, 55°F; Saturday, 60°F; Sunday, 58°F. Give the graph a title and label both axes. Under each day label, record precipitation: Friday, 0.00 inch; Saturday, 0.30 inch; Sunday, 0.05 inch. Write one sentence comparing the weather.



ANSWER KEY

Weather Watch Week

GRADE 2 · TEKS 2.10.B

PART 1 · READ AND MARK

Underline each temperature measurement and circle each precipitation measurement in the weather table. Write 1 by a sentence about measuring, 2 by a sentence about recording, and 3 by a sentence about graphing. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	What tool did the class use to measure air temperature?	**A thermometer.**
2	Which days had precipitation? Tell how much fell on each day.	**Tuesday had 0.20 inch. Thursday had 0.10 inch.**
3	If the class made a bar graph of temperature, which day would have the tallest bar? Why?	**Wednesday, because it had the highest temperature, 64°F.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Title: Weather at 8:00 a.m. Bars: Friday 55°F, Saturday 60°F, Sunday 58°F. Precipitation labels: Friday 0.00 in., Saturday 0.30 in., Sunday 0.05 in. Saturday was the warmest day and had the most precipitation.

Accept equivalent units and wording. For the graph, accept correctly labeled day and temperature axes, bars at 55°F, 60°F, and 58°F, the three precipitation records, and a comparison sentence supported by the data.