Weather Clues

Measure, record, and compare weather to find patterns.

2.6.b "measuring, recording, and interpreting weather data allows for identification of weather patterns; and"

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline each temperature number, circle any rain amount greater than 0, and number three days in a row when the temperature gets warmer.

Maya's Morning Weather Record

1. For five school mornings, Maya's class measured air temperature outside at the same time. They looked at the sky and checked the rain gauge. The class wrote each measurement and observation in a weather table. Recording data helped them compare one day with another later during the week.

MORNING WEATHER RECORD

Day	Temperature	Sky	Rain Gauge
Monday	12 °C	Sunny	0 mm
Tuesday	14 °C	Partly cloudy	0 mm
Wednesday	16 °C	Cloudy	3 mm
Thursday	18 °C	Cloudy	0 mm
Friday	15 °C	Cloudy	0 mm

2. The table shows that Tuesday through Thursday became warmer each morning. Wednesday had rain and a cloudy sky. On Friday, the temperature dropped, and the sky stayed cloudy. By reading all the records together, the class noticed a pattern, not just the weather on one day.

3. Weather patterns can change. A week of records may show several sunny days, a rainy stretch, or temperatures that rise and then fall. Scientists use measurements from many days to make careful statements about patterns. One measurement alone cannot show what usually happens in one place over time.

2 ANSWER WITH EVIDENCE

Use the passage

1. What happened to the temperature from Tuesday through Thursday? Use the numbers from the table.

2. Which day had rain? What two pieces of data show this?

3. Why did Maya's class record weather for five mornings instead of only one morning?

3 YOUR TURN

Your own words

At the same time on three days, measure the outdoor temperature and observe the sky or rain. Fill in the first three rows, then use the last row to write one pattern you notice.

DAY	TEMPERATURE	SKY OR RAIN	PATTERN STATEMENT

ANSWER KEY

Weather Clues

GRADE 2 · 2.6.b

PART 1 · READ AND MARK

Underline each temperature number, circle any rain amount greater than 0, and number three days in a row when the temperature gets warmer. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	What happened to the temperature from Tuesday through Thursday? Use the numbers from the table.	**It rose each day, from 14 °C on Tuesday to 16 °C on Wednesday and 18 °C on Thursday.**
2	Which day had rain? What two pieces of data show this?	**Wednesday. The table shows a cloudy sky and 3 mm in the rain gauge.**
3	Why did Maya's class record weather for five mornings instead of only one morning?	**Records from several days let the class compare the weather and notice a pattern.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

DAY	TEMPERATURE	SKY OR RAIN	PATTERN STATEMENT
Monday	15 °C	Sunny, no rain	
Tuesday	17 °C	Sunny, no rain	
Wednesday	19 °C	Sunny, no rain	
Pattern			The temperature got warmer each day.

Accept answers that use the recorded data accurately and describe a change or repeated condition across days. For the open task, accept a supported pattern statement or a statement that three days do not yet show a clear pattern.