

Weather Pattern Detectives

Compare weather changes across days and seasons.

SC.2.E.7.1 "Compare and describe changing patterns in nature that repeat themselves, such as weather conditions including temperature and precipitation, day to day and season to season."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline words that tell about temperature. Circle words that tell about precipitation, then number each sentence that shows weather repeating or changing over days or seasons.

Maya Watches Weather

- ① Each morning, Maya's class checks the sky, temperature, and rain gauge. On Monday, the air is cool and it rains. Tuesday is warmer and dry. On Wednesday, cool air and rain return. The class notices weather conditions can repeat from one day to the next.
- ② Later, the class compares weather in different seasons. In winter, many days are cooler than summer days. Some winter days bring rain. In summer, many days are warmer, and rain may fall in short storms. Seasons have patterns, but daily weather can still change.
- ③ By spring, the playground looks different again. Mornings may feel cool, while afternoons become warmer. A rainy day can be followed by a dry day. Maya compares the days and seasons. She knows a pattern describes something that happens again in a similar way.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 Compare Monday and Tuesday. How were the temperature and precipitation different?

2 How was Wednesday like Monday?

3 How is weather in winter different from weather in summer?

3 YOUR TURN _____ Your own words

Make a three-day weather record for one season. In the last row, compare your season with a different season and describe one pattern that repeats or changes.

DAY	TEMPERATURE	PRECIPITATION	PATTERN AND SEASON COMPARISON

PART 1 • READ AND MARK

Underline words that tell about temperature. Circle words that tell about precipitation, then number each sentence that shows weather repeating or changing over days or seasons. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Compare Monday and Tuesday. How were the temperature and precipitation different?	Monday was cool and rainy. Tuesday was warmer and dry.
2	How was Wednesday like Monday?	Both days had cool air and rain.
3	How is weather in winter different from weather in summer?	Many winter days are cooler, while many summer days are warmer. Summer rain may fall in short storms.

PART 3 • YOUR TURN (SAMPLE ANSWER)

DAY	TEMPERATURE	PRECIPITATION	PATTERN AND SEASON COMPARISON
Spring Monday	62°F	rain	
Spring Tuesday	66°F	none	
Spring Wednesday	62°F	rain	
Pattern			Cool, rainy weather repeats every other day. Spring is cooler than summer.

Accept answers that correctly compare temperature and precipitation using details from the passage. For the open task, accept reasonable invented weather data when the stated pattern and season comparison match the student's record.