Sky Pattern Watch

Read about the Sun and Moon, then show how their patterns repeat.

E.2.8.5 "Use informational text and other media to observe, describe, and predict the visual patterns of motion of the Sun (sunrise, sunset) and Moon (phases)."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline where the Sun appears at sunrise and sunset. Number the Moon shapes in the order they appear as the bright part grows.

What Changes in the Sky?

1. At sunrise, the Sun appears low in the east. It looks higher in the sky near the middle of the day. By sunset, it appears low in the west. The next morning, this pattern starts again.

2. On some nights, the Moon looks like a thin crescent. Over the next nights, more of its round face looks lit. It may look like a half Moon and later a full Moon. The Moon itself stays round, even when only part looks bright.

3. After a full Moon, the bright part we see gets smaller over many nights. It can look like a half Moon and then a thin crescent. The pattern begins again about once a month. A full Moon tonight will not look full forever.

2 ANSWER WITH EVIDENCE

Use the passage

1. Where does the Sun appear at sunrise? Where does it appear at sunset?

2. If the Sun is low in the east in the morning, where will it appear near the middle of the day?

3. If the Moon looks full tonight, what two shapes might it look like over the next many nights?

3 YOUR TURN

Your own words

A thin crescent Moon is showing more of its bright part over many nights. In three panels, draw how it might look now, later, and still later. Label each panel, then write one sentence about the change.

ANSWER KEY

Sky Pattern Watch

GRADE 2 · E.2.8.5

PART 1 · READ AND MARK

Underline where the Sun appears at sunrise and sunset. Number the Moon shapes in the order they appear as the bright part grows. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	Where does the Sun appear at sunrise? Where does it appear at sunset?	**The Sun appears low in the east at sunrise and low in the west at sunset.**
2	If the Sun is low in the east in the morning, where will it appear near the middle of the day?	**It will appear higher in the sky.**
3	If the Moon looks full tonight, what two shapes might it look like over the next many nights?	**It might look like a half Moon and then a thin crescent.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Panel 1, now: a thin bright crescent. Panel 2, later: half of the Moon looks bright. Panel 3, still later: the Moon looks full. The bright part we see grows over many nights.

Accept Moon sketches that show the visible bright part growing from a crescent toward a full Moon. The Moon should remain round in each sketch, even when only part is shown as bright.