

Sky Pattern Detectives

Students use sky observations to identify predictable day, night, and movement patterns.

1-ESS1-1 "Use observations of the sun, moon, and stars to describe patterns that can be predicted. Clarification Statement: Examples of patterns could include that the sun and moon appear to rise in one part of the sky, move across the sky, and set..."

NAME _____

DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 CIRCLE IT _____

a	MOON	SUN	STARS
b	SUN	MOON	STARS
c	MOVES	RISES	SETS

2 SUN PATH _____

MORNING	•	•	SETS
ACROSS	•	•	RISES
EVENING	•	•	MOVES

HOW TO RUN THIS PAGE

Read every prompt and every printed choice aloud. Students show that they can use observations to identify patterns in when sky objects can be seen and how they appear to move across the sky.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • CIRCLE IT

SAY “Listen to each question and the words in its row. Circle one word for each question.”

ROW	SAY	STUDENTS CIRCLE
a	During the day, which word names the object that gives us daylight? Read the words: moon, sun, stars. Which word should you circle?	SUN
b	At night, which word names objects that can be seen, but are not seen in the daytime? Read the words: sun, moon, stars. Which word should you circle?	STARS
c	When the moon first appears in one part of the sky, which word tells what it seems to do? Read the words: moves, rises, sets. Which word should you circle?	RISES

PART 2 • SUN PATH

SAY “I will read the words in both columns. Draw a line from each word on the left to the word on the right that completes a pattern for the sun's path across the sky.”

- **MORNING** matches **RISES**
- **ACROSS** matches **MOVES**
- **EVENING** matches **SETS**

WHAT TO ACCEPT

Circle row answers are SUN, STARS, and RISES. Match MORNING to RISES, ACROSS to MOVES, and EVENING to SETS.