

Light From Space

Read closely to trace light and heat from the Sun.

2.9.A “describe the Sun as a star that provides light and heat and explain that the Moon reflects the Sun's light; and”

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline the sentences that tell what the Sun gives Earth. Circle the sentence that explains why the Moon looks bright.

A Bright Day and Night

- ① The Sun is a star near Earth. It gives Earth light for seeing in daytime. The Sun also gives heat. Its heat can warm your skin, pavement, water, and the air around you.
- ② The Moon does not make its own light. Sunlight travels to the Moon and bounces off its surface. This bounced light travels to your eyes. That is why the Moon can look bright in the night sky.
- ③ When the Moon is between Earth and Sun, the side facing Earth is mostly dark. When Earth is between the Sun and Moon, the Moon can look full and bright. The Sun is still the light source.

2 ANSWER WITH EVIDENCE Use the passage

1 What two things does the Sun give Earth?

2 Why can the Moon look bright in the night sky?

3 What is the original source of the light you see from the Moon?

3 YOUR TURN Your own words

In Panel 1, draw a daytime scene that shows the Sun helping something on Earth. Write one sentence telling what the Sun provides. In Panel 2, draw the Moon at night. Write one sentence explaining why it looks bright.



PART 1 • READ AND MARK

Underline the sentences that tell what the Sun gives Earth. Circle the sentence that explains why the Moon looks bright. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What two things does the Sun give Earth?	The Sun gives Earth light and heat.
2	Why can the Moon look bright in the night sky?	Sunlight bounces off the Moon's surface and travels to your eyes.
3	What is the original source of the light you see from the Moon?	The Sun is the original light source.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Panel 1: My drawing shows sunlight warming a child at a park. The Sun is a star that gives light and heat.
Panel 2: My drawing shows sunlight bouncing from the Moon to a child. The Moon reflects the Sun's light.
Accept student drawings and sentences that show the Sun providing both light and heat in Panel 1. In Panel 2, accept explanations that the Moon looks bright because it reflects, or bounces, light from the Sun.