



LEARNING LADDERS

Nature's Patterns

In *Nature's Patterns*, learn about patterns found in nature, such as the movement of the stars, the lunar cycle, the seasons, and animal migrations.

What did you learn?

QUESTIONS

1. The sun reaches its highest point at ...
 - a. Sunrise
 - b. Midday
 - c. Dusk
 - d. Sunset
2. A group of stars is called a ...
 - a. Sun
 - b. Leo
 - c. Constellation
 - d. Planetarium
3. To protect themselves, wildebeests migrate in ...
 - a. Cars
 - b. Pods
 - c. Teams
 - d. Herds
4. "Pasque" is another word for ...
 - a. Spring
 - b. Bloom
 - c. Snow
 - d. Easter
5. What is the brightest object in the night sky?
6. What type of museum teaches visitors about the stars and planets?

TRUE OR FALSE?

- | | |
|---|---|
| _____ 1. After a new moon, it will take about 2 weeks to see a full moon. | _____ 4. A baby horse grows to adulthood after about 5 years. |
| _____ 2. The tide usually comes twice a day. | _____ 5. Heat from the sun turns water into a gas. |
| _____ 3. The seasons change as the sun moves around the Earth. | _____ 6. Unlike Earth, Jupiter has zero moons. |

ANSWERS

- 1. b. Midday.** According to section "Day and night" on page 5, we know that "At midday, the sun is at its highest point in the sky." So, the correct answer is B.
- 2. c. Constellation.** According to section "Stars" on page 10, we know that "A group of stars is called a constellation." So, the correct answer is C.
- 3. d. Herds.** According to section "Animals on the go" on page 16, we know that "Wildebeests migrate in herds to help protect against hunting animals." So, the correct answer is D.
- 4. d. Easter.** According to section "Did you know?" on page 26, we know that "'Pasque' is another word for Easter." So, the correct answer is D.
- 5.** According to page 6, the "moon is the brightest object in the night sky."
- 6.** According to page 11, a planetarium is a museum where you can learn about the stars and planets.

TRUE OR FALSE? ANSWERS

- 1. True.** According to section "The moon" on page 7, we know that "A full moon comes about 14 days after a new moon." So, the correct answer is True.
- 2. True.** According to section "Tides" on page 8, we know that "In most places, the tides come twice a day." So, the correct answer is True.
- 3. False.** According to section "Season to season" on page 14, we know that "The seasons change as Earth moves around the sun." So, the correct answer is False.
- 4. False.** According to section "Animal life cycles" on page 18, we know that "It will take many months before this foal (baby horse) reaches adult size." So, the correct answer is False.
- 5. True.** According to section "The water cycle" on page 22, we know that "Heat from the sun causes water to become a gas." So, the correct answer is True.
- 6. False.** According to section "Did you know?" on page 27, we know that "Earth has one moon, but some planets have more. Jupiter has more than 60 moons!" So, the correct answer is False.