Chapter 10

Vocabulary Review (5 pts. each)

1. sun
2. orbit
3. solar system
4. axis
5. comet
6. planet
7. star
8. universe
9. galaxy
10. moon
11. telescope

Check Understanding (5 pts. each)

12. A, It's a ball of hydrogen and helium.
13. H, Comets are made up of rock, ice, and frozen gas, while asteroids are made up of rock and metal.
14. C, at the edge of a galaxy called the Milky Way
15. J, sunspot
16. D, why Earth has seasons

CHAPTER 10 Review and Test Preparation

Vocabulary Review

Use the terms below to complete the sentences. The page numbers tell you where to look in the chapter if you need help.

axis p. 410
orbit p. 410
telescope p. 412
moon p. 414
solar system p. 422
planet p. 422
comet p. 426
star p. 432
sun p. 432
galaxy p. 434
universe p. 434

1. The star at the center of our solar system is the _____.
2. The path an object takes around another object is its _____.
3. A star and a group of objects that revolve around it make up a _____.
4. The imaginary line through both poles of a planet is its _____.
5. A small mass of rock, ice, and frozen gases that orbits the sun is a _____.
6. A large object that revolves around a star is a _____.
7. An enormous ball of superheated gases in space is a _____.
8. Everything that exists in space is part of the _____.
9. A large system of stars, dust, and gas is a _____.
10. A natural object that revolves around a planet is a _____.
11. A device that helps people view distant objects is a _____.

Check Understanding

Write the letter of the best choice.

12. **MAIN IDEA AND DETAILS** Which detail is true of the sun?
    - **A.** It's a ball of hydrogen and helium.
    - **B.** It's a ball of oxygen and hydrogen.
    - **C.** It's a ball of helium and phosphorus.
    - **D.** It's a ball of carbon dioxide and oxygen.
13. **COMPARE AND CONTRAST** How are asteroids and comets different?
    - **F.** Asteroids are much smaller than comets.
    - **G.** Comets orbit the sun, while asteroids orbit Earth.
    - **H.** Comets are made up of rock, ice, and frozen gases, while asteroids are made up of rock and metals.
    - **J.** Asteroids are pieces of Earth, while comets are pieces of the sun.

440

Online Assessment may be used for electronic assessment.
www.hspscience.com

Portfolio Assessment

Have students select their best work from the following suggestions:

- **Investigate,** pp. 408, 420, 430
- **Links,** pp. 417, 427, 437

See ***Assessment Guide*** pp. xx–xxiv.