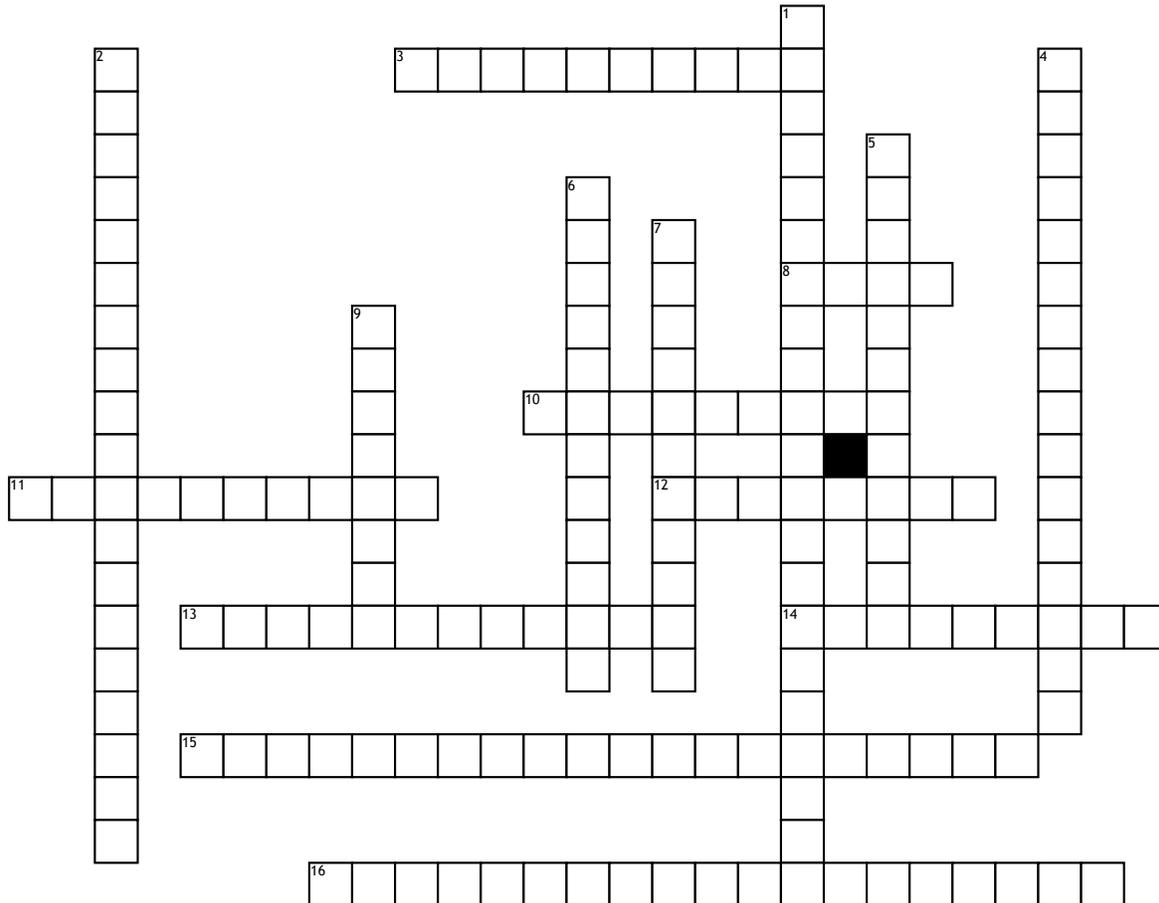


The Earth-Sun System



Across

3. A(n) _____ is one trip around the sun

8. A(n) _____ is an imaginary line that runs from the North Pole to the South Pole

10. A(n) _____ is a device that collects light and magnifies images to make distant objects appear closer, larger, and brighter

11. A(n) _____ is a scientist who studies the universe and tries to explain what he or she observes

12. A(n) _____ is when a planet makes one complete spin on an axis

13. _____ is a reusable spacecraft

14. _____ is the study of the universe

15. _____ can transmit data back to Earth with speed and accuracy

16. A(n) _____ uses lenses to gather light from a faraway object and magnify its image

Down

1. _____ is a line at a longitude of 180 degrees

2. In a(n) _____ visible light reflects off two or more mirrors

4. A(n) _____ is a vertical belt, about 15 degrees wide in longitude, in which all locations have the same time

5. _____ is light that you can detect with your eyes

6. _____ is a result of Earth's rotation

7. _____ travel beyond Earth and use onboard instruments to study various objects in the solar system

9. _____ is everything that exists, including Earth, the stars, other planets, and all of space