

Name: _____ Date: _____

Science 5 Solar System1

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| 1. has a star in the middle with planets orbiting it | A. planet |
| 2. nonspherical, made of rock & iron, located in the Asteroid Belt between Mars & Jupiter, orbits the sun, & range in size from a small city block to a large ocean | B. third quarter moon |
| 3. pices of rock in space | C. dwarf planet |
| 4. a group of stars forming a recognizable pattern that is traditionally named after its apparent form or mythological figure | D. meteorite |
| 5. the distance light travels in one year, unit used to measure distances between stars | E. star |
| 6. length of Earth's rotation | F. astronomy |
| 7. when the northern hemisphere is tilted away from the sun, has the least number of daylight hours (Dec. 21) | G. meteor |
| 8. an object that moves around another object | H. first quarter moon |
| 9. large, flat plains on the moon's surface | I. astronomical unit |
| 10. when the right half of the moon is lit | J. maria |
| 11. a large circular body that orbits the sun | K. Milky Way |
| 12. streak of light produced by a meteoroid as it enters the Earth's atmosphere | L. universe |
| 13. the study of space | M. Fall Equinox |
| 14. the galaxy that our solar system is in | N. solar system |
| 15. hottest stars | O. blue & white |
| 16. cooler stars | P. near side of the moon |
| 17. an imaginary line at which a body rotates | Q. red, yellow, & orange |
| 18. when the hours of daylight & darkness are equal, poles aren't tilted toward or away from the sun (Sept. 22) | R. Winter Solstice |
| 19. the side of the moon we always see | S. satellite |
| 20. mountains or high areas on the moon | T. axis |

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| 21. when the left half of the moon is lit | U. asteroid |
| 22. nearly round bodies that cross the orbit of other body orbits, too small to be planets | V. 24 hours |
| 23. meteoroid that passes through the atmosphere & doesn't burn up & strikes the Earth's surface | W. meteoroid |
| 24. huge ball of hot glowing gasses that produce their own heat & light | X. highlands |
| 25. the sum of all the galaxies, matter, time, & energy | Y. constellation |
| 26. a unit of measurement equal to 149.6 million kilometers | Z. light year |