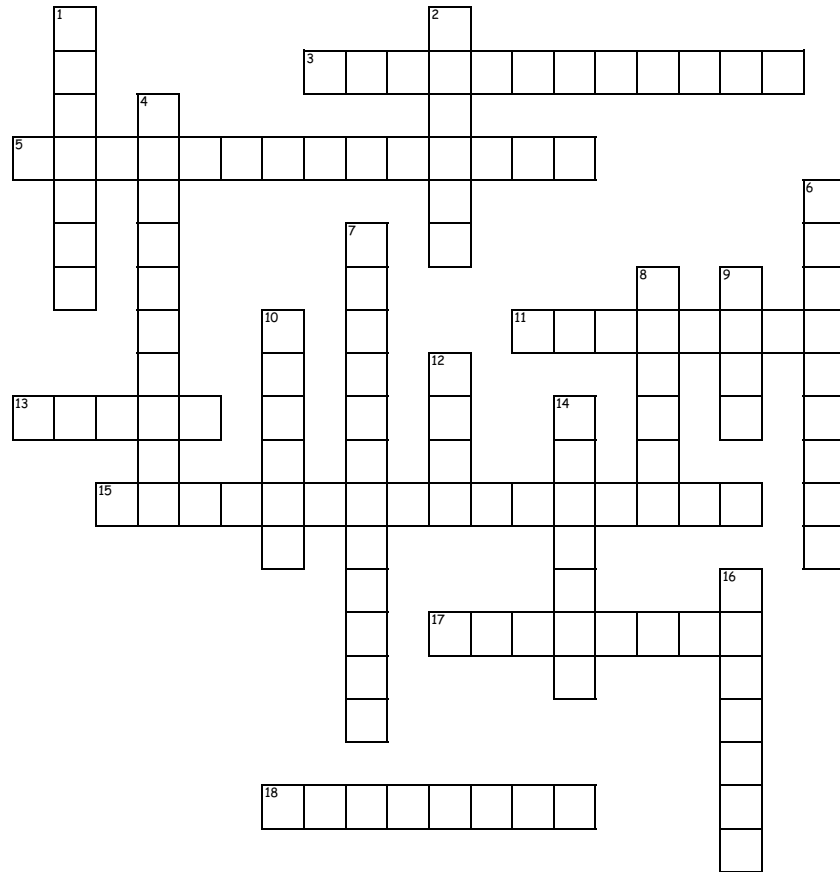


The Sun-Earth-Moon System



Across

3. occurs when the Moon pauses directly between the Sun and Earth and cast a shadow over part of Earth
5. the sun shines directly on the plant with no other plants, trees, or structures interfering with the sunlight
11. spinning of Earth on its imaginary axis
13. curved path followed by a satellite as it revolves around an object
15. sunlight that reaches the Earth's surface after being dispersed in the atmosphere over haze, dust and clouds
17. twice-yearly point at which the Sun reaches its greatest distance north or south of the equator
18. phase that occurs when all of the Moon's surface facing Earth reflects light.

Down

1. twice-yearly time-each spring and fall-when the Sun is directly over the equator and the number of daylight and nighttime hours are equal worldwide
2. describes phase following a new moon, as more of the Moon's lighted side becomes visible
4. Earth's yearlong elliptical orbit around the Sun
6. change in appearance of the Moon as viewed from the Earth
7. occurs when Earth's shadow falls on the Moon
8. describes phase that occur after a full moon as the visible lighted side of the Moon grows smaller
9. move or cause to move into a sloping position
10. a round, three-dimensional object whose surface is the same distance from its center at all points
12. imaginary vertical line that cuts through the center of Earth around which Earth spins
14. the partial or total blocking of light of one celestial object by another
16. moon phase that occurs when the Moon is between Earth and the Sun