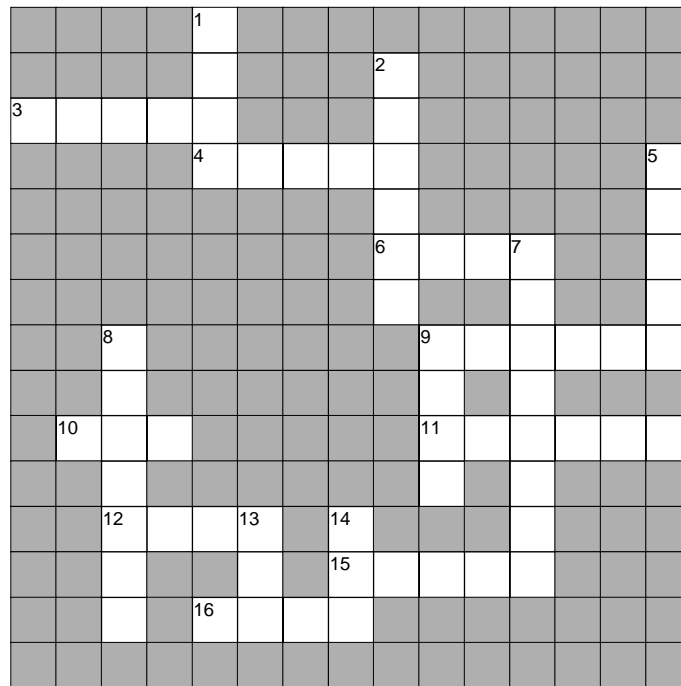


Tides, Eclipses, Day and Night, and Seasons



Across

3. Type of eclipse seen by an observer in the umbra.[5]
4. Eclipse of the moon.[5]
6. Type of tide when sun, moon and earth are at right angles.[4]
9. Season when slanted sun rays are weaker.[6]
10. The period when one side of the earth is lit.[3]
11. Season when sun's rays are strong and head-on.[6]
12. The ____ of the earth on its axis causes "day" and "night".[4]
15. Darker part of the shadow during an eclipse.[5]
16. Lunar eclipse is an eclipse of the ____.[4]

Down

1. Spring tides occur at ____ and New Moon phases.[4]
2. Type of tide that causes beach erosion.[6]
5. Eclipse of the sun.[5]
7. Lighter part of the shadow during an eclipse.[8]
8. Neap tides occur at First and Last ____ of the moon.[7]
9. Earth rotates from ____ to east.[4]
13. Approximate number of high tides per day.[3]
14. Solar eclipse is an eclipse of the ____.[3]