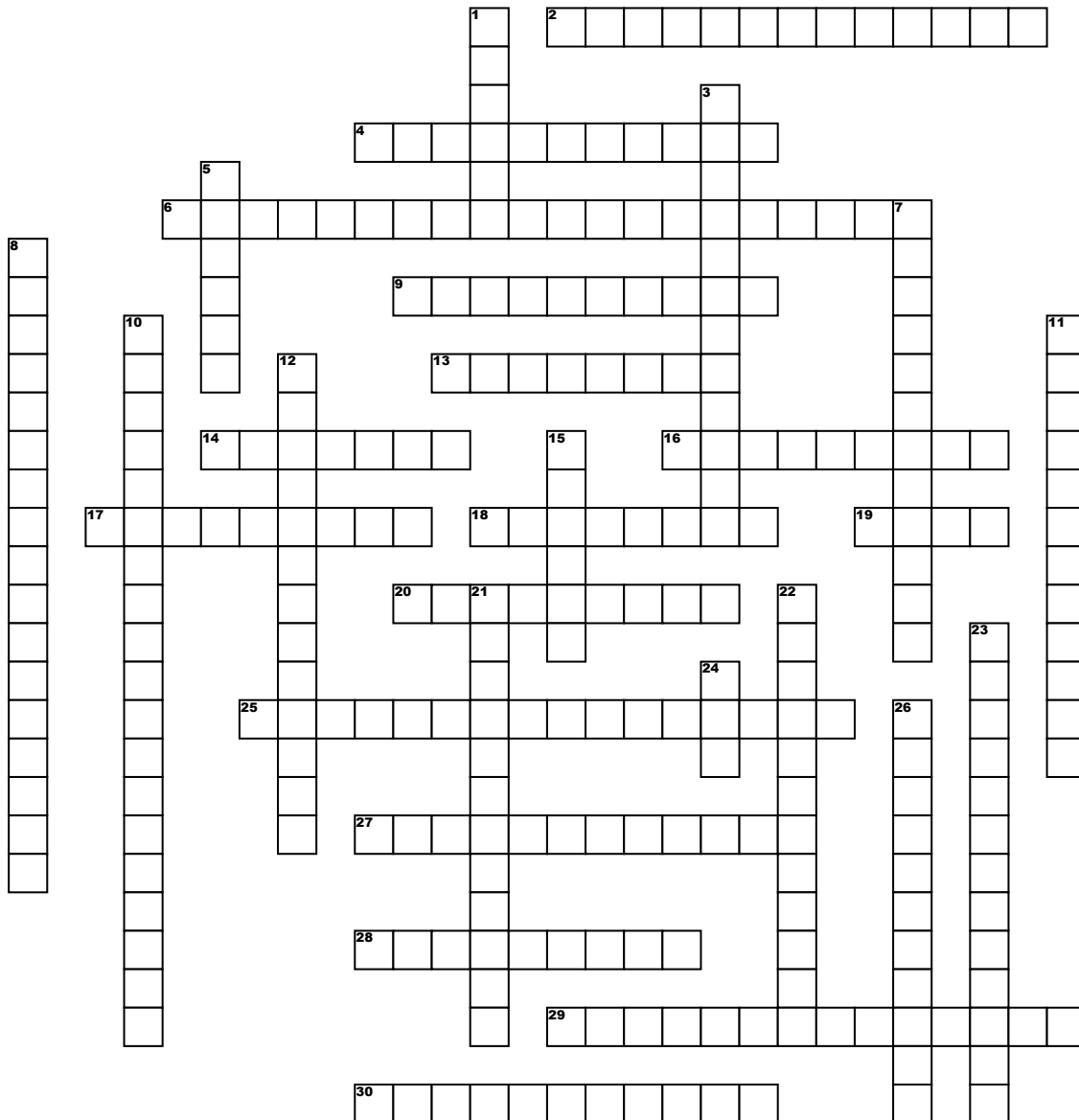


# 22A Vocabulary



## Across

2. The entire span of EM waves emitted by the sun
4. A tool used to block out the sun's disk
6. waves of visible light
9. A sudden explosion of the plasma from the sun's surface
13. A small, cool area on the sun's photosphere
14. Another name for a cloud of plasma
16. a flow of mostly protons, electrons and small atomic nuclei
17. The unit used to measure wavelengths of visible light
18. These make the sun's surface look bumpy
19. The sun's edge

20. one-trillionth of a meter or one-billionth of a millimeter

25. The name for the distance from the earth to the sun

27. an eleven year span of sunspots

28. Anything having to do with astronomical objects

29. The zone of the sun's interior where atoms are free to move.

30. streams of material that appear to rise into the corona

## Down

1. The ever-changing outer atmosphere of the sun

3. An astronomer's tool that "fingerprints" light from stars and planets

5. A cloud of plasma

7. The time of fewest sunspots

8. When the moon passes between the sun and the earth

10. An extremely large mass of particles blows outward from the sun

11. When sunspots reach a peak

12. the process that fuels stars

15. dense and intensely energetic ionized particles

21. a thin layer just above the photosphere

22. the middle of the solar spectrum that our eyes and brain can interpret

23. the second zone of the sun's interior

24. The star in the middle of our solar system

26. The visible, light-producing surface of the sun