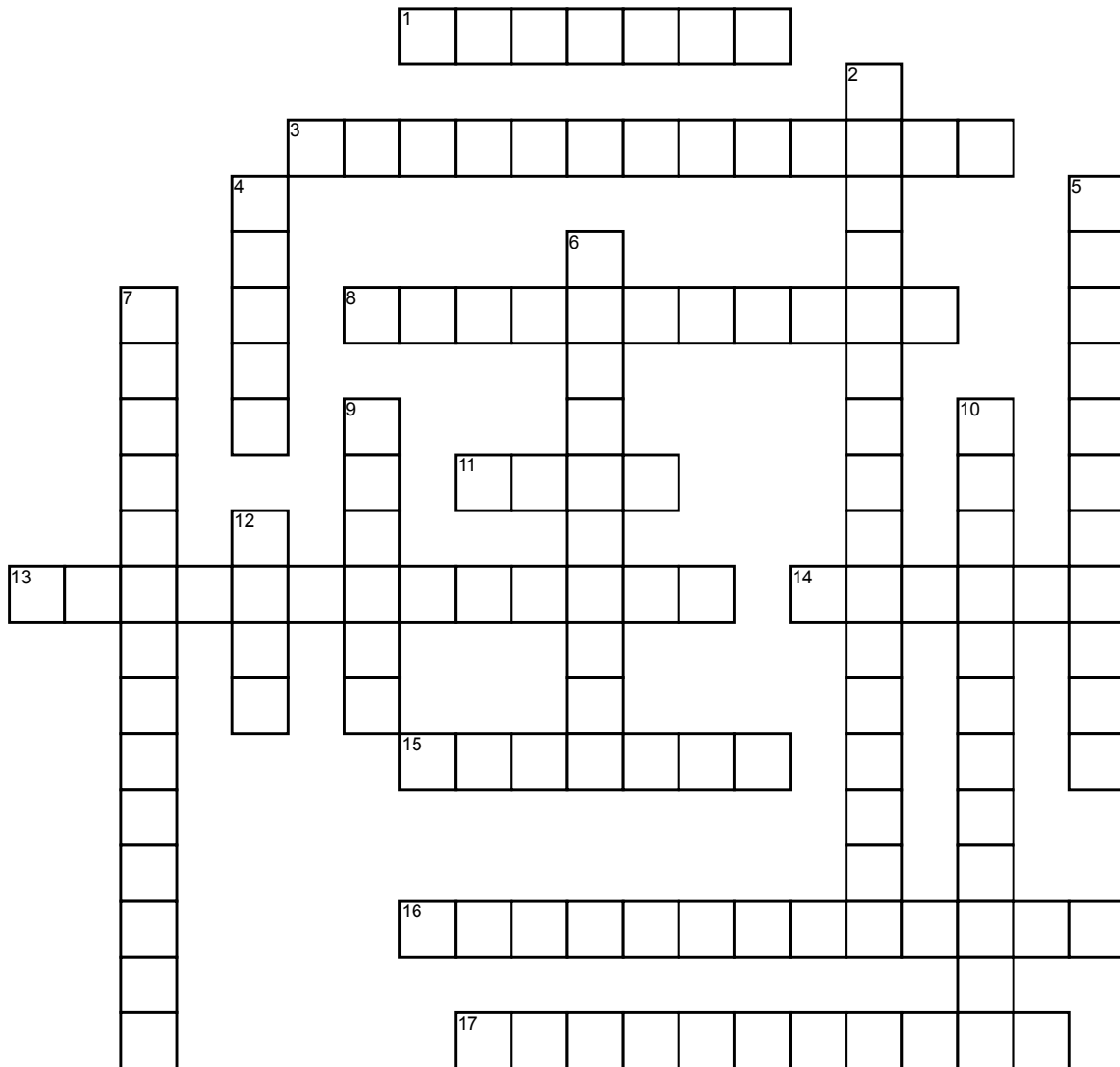


# The Sun



**Across**

- 1. a natural electrical phenomenon characterized by the appearance of streamers of reddish or greenish light in the sky
- 3. the layer after the core
- 8. the layer after the convecton zone
- 11. the center of the sun
- 13. a nuclear reaction in which atomic nuclei of low atomic number fuse to form a heavier nucleus with the release of energy
- 14. the rarefied gaseous envelope of the sun and other stars

- 15. a spot or patch appearing from time to time on the sun's surface
- 16. layer of energetic charged particles that is held in place around a magnetized planet
- 17. a thing that projects from something

**Down**

- 2. hydrogen, helium, oxygen, carbon, nitrogen, silicon, magnesium, neon, iron, sulfur
- 4. the natural agent that stimulates sight and makes things visible

- 5. a spot or patch appearing from time to time on the sun's surface
- 6. the continuous flow of charged particles from the sun that permeates the solar system
- 7. the layer after the radiative zone
- 9. the strength and vitality required for sustained physical or mental activity
- 10. the layer after the photosphere
- 12. the quality of being hot